COLLEGE OF COMPUTER AND INFORMATION SCIENCE

Academic Year 2022 – 2023

C.S PRACTICUM

Submitted by:

Jose Alberto M. AGUIRRE

Submitted to:

Jonalyn G. Ebron

Submitted to the Faculty of Malayan Colleges Laguna in Partial Fulfillment of the

Requirement for the Degree of Bachelor of Science in Computer Science

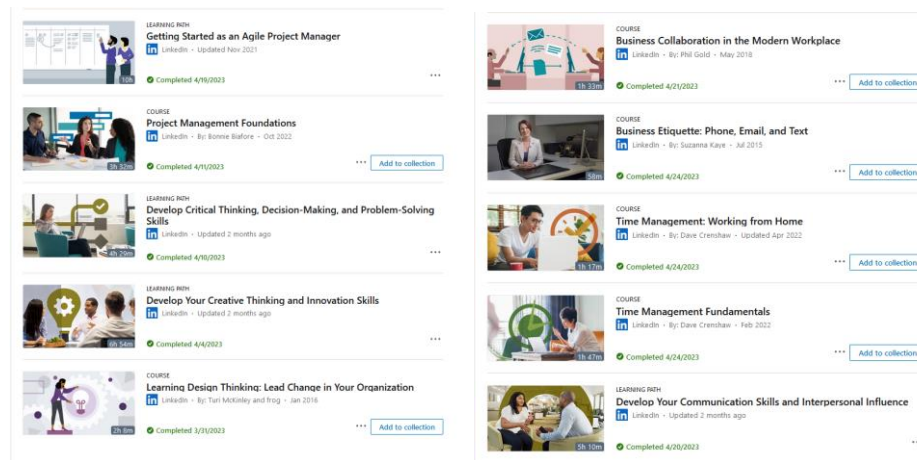**Overview of the Practicum Engagement**

For my practicum, I chose to take the Learning Path to gain exposure in various in-demand skills. The Learning Path covers Design Thinking, Project Management, and Workplace Management. In my specializations, I have focused in Web Development, User Experience, and Cloud Computing.

The modules within Design Thinking, Project Management, and Workplace Management can help improve and enhance my soft skills. These are vital in the workplace since it requires you to think creatively and critically. It also equips you to collaborate with your co-workers, handle projects, and the etiquettes within the workplace.

In my specializations, it is focused to enhance and nurture my hard skills. In Web Development, I have focused to take CSS, React, and Node. These are modern frameworks that are mostly used in today's web development. For User Experience, It talks about User Experience in detail and the rules one must abide to make the experience enjoyable and seamless. It also talks about the importance of accessibility. Finally, Cloud Computing helps in introducing Cloud services to deploy web applications, set up storage solutions and automate infrastructure.
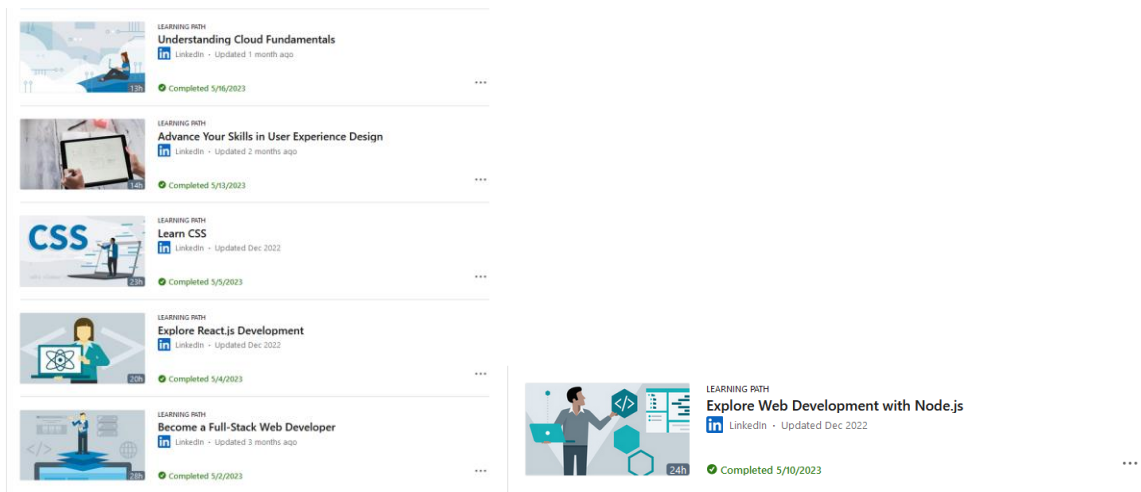
The whole Learning path will net me 327 credit hours which is required in my practicum. These modules overall will greatly improve my hard and soft it helps me to be prepared in the industry of software and web development.
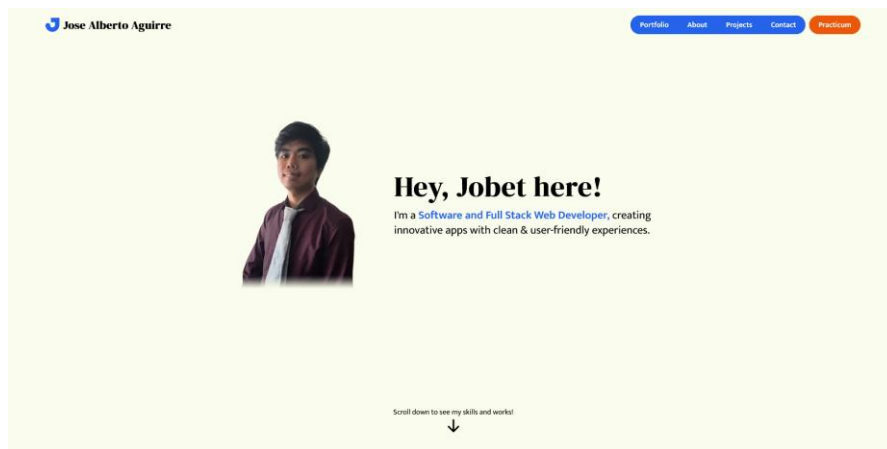
Output of the Practicum Engagement

My LinkedIn Learning Courses

I started my learning path on March 31, 2023 and finished on May 16, 2023. It comprises of 164 hours of courses from LinkedIn Learning. I only watch and learn from LinkedIn Learning during weekdays and I allocate myself 4-8 hours a day depending on how busy I was during that day to watch and study about the courses. I was able to complete the learning path in Design Thinking, gathering essential skills in critical thinking, creative thinking, decision-making, and problem-solving. I started on March 31, 2023 and finished on April 10, 2023. Afterwards I was able to complete the learning path in Project Management, gathering proper project management skills in specifics the foundations of agile methodology and its advantages with regards to software development in general. I started on April 11, 2023 and finished on April 19, 2023. Finally, I was able to complete the learning path in Workplace Management, gathering insightful topics with regards to how a workplace operates, the etiquette, and most importantly, time management. I started on April 20, 2023 and finished on April 24, 2023.

My LinkedIn Learning Courses

In my specialization modules, I began on May 2, 2023 and finished on May 16, 2023. I was able to complete the module in Web Development by learning React.js, Node.js, and CSS which are commonly used in web development. I started on May 2, 2023 and finished on May 10, 2023. Afterwards I was able to complete the module in User Experience, by learning how to sketch out your user experience, follow by the unwritten rules in user experience and most importantly accessibility towards those with disabilities. I started on May 10, 2023 and finished on May 13, 2023. Finally, I was able to learn a lot about Cloud computing in depth alongside popular platforms that provide cloud computing from the likes of AWS, Azure, and GCP. I started on May 15, 2023 and finished on May 16, 2023.

My Personal Portfolio Website

During those dates where I am taking courses in LinkedIn Learning, I was also completing Module Assessments 1 through 3 and my Daily Journals. I recorded a video presentation of my Practicum Overview by April 15, 2023, my Practicum Progress by May 20, 2023, and my Final Report by June 2, 2023. I also constructed my personal portfolio website using my skills enhanced by my modules which is Next.js and CSS that is hosted on a cloud service from Vercel.

Synthesis of the Practicum Engagement

Throughout my Practicum Engagement, I have learned a lot when it comes to creative thinking, decision making, project management and workplace management. From Design Thinking, I was able to improve my creative thinking by improving my thought process. Throughout the module I was able to learn how to make quick decisions through better critical thinking and better judgement. For Project Management, I learned a lot about the Agile Project Methodology. It is an amazing methodology when it comes to software development since frequent updates is recommended to be shipped to users to gather frequent feedback. It also improves collaborations between users and developers when completing within the deadline. In Workplace Management I learned a lot how a workplace operates with regards to workers, time, and etiquette. From collaborating with your co-workers, to improving your work time, preventing overworking, scheduling your time well, and finally etiquette when it comes to emailing, messaging and calling within the workplace.

For my Specializations, I have improved my hard skills immensely with the modules I picked. From Web Development I have learned new things as well as enhance my prior knowledge about React, CSS, and Node. With React I learned how to properly test your code, useful addons and plugins as well as proper authentication, and encryption when it comes to user management. For CSS, I learned a lot about proper layout within a website with regards to flexbox, grids, and tables. I also learned new things about animations, as well as proper rules when coding in CSS. Finally, I was able to learn about Node and proper hooking of APIs, from POST and PUT in REST API. I also learned in more detail about authentication and password management within the backend. With User

Experience, I learned about UX in detail as well as its rules regarding seamless and user-friendly experiences. I also realized there is a lot more about User Experiences with regards to accessibility as those with disabilities browse the web differently so I kept that in mind when I developed my website. Finally, in Cloud Computing I am introduced with different types of cloud services provided by different companies. I learned a lot on what services I will get based on my requirements, as well as comparing the advantages and disadvantages between different cloud service providers.

Overall, the learning path did not disappoint me in learning new set of skills as well as enhance my prior skills. The learning path made me more conscious on how I approach things with regards to being creative, being critical, managing myself with others and my time. It also helped me approach Web Development differently with better understanding of User Experience, proper coding practices with modern frameworks in both front-end and back-end. These set of skills will definitely help me in my future career and endeavors.

Jose Alberto M. Aguirre

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✉ josealbertomaguirre@gmail.com   ⌂ jobet   in jose-alberto-aguirre

Education

Mapúa Malayan Colleges Laguna   **AUG 2019 - JUN 2023**
- Bachelor's Degree, Computer Science

Adventist University of the Philippines   **AUG 2017 - MAR 2019**
- Science, Technology, Engineering, and Mathematics (STEM)

Skills Summary

Software Development

- **Python -** Experience in data analysis through the use of numpy, scipy, matplotlib, and scikit-learn. Experience in training object detection models and integration to web applications
- **C# -** Experience in developing feature-rich ASP.NET web applications from front-end to back-end. Experience in developing simple games with movement-based controls through the use of Unity. Experience in developing Android applications through the use of Xamarin.
- **JavaScript -** Experience in developing React web applications alongside Node.js for front-end and back-end.
- **HTML and CSS -** Experience in developing responsive websites with accompanying CSS for better user experience.
- **Database -** Experience in MSSQL and MySQL for designing tables, establishing relationships, and extracting information for data analytics.
- **Developer Tools -** Visual Studio, Visual Studio Code, Unity, Jupyter, Git.

Problem Solving

Able to solve complex problems that require software development as well as understanding the problems in software errors for debugging.

Creativity

Able to come up with fresh ideas for new softwares that can be beneficial to the public. Experience in graphic design, video editing and photo editing.

Projects

Counterfeit Over-The-Counter Medicine Detector   **AUG 2022 - JUN 2023**
- A web application that allows user to detect medicine authenticity. It utilizes YOLOv5 framework for object detection and Python Flask for the Website.

FoxTales Online Book Selling System for Android   **MAY 2022 - JUN 2022**
- A mobile application that has a book selling system and user functionalities. It was developed using Xamarin for the application, and PHP for REST API and connection to the database.

DSA Visualizer   **FEB 2022 - JUN 2022**
- A web application that offers visualizers for Data Structures and Algorithms. It has a user system, a quiz feature, and a back-end webpage for webmasters to see analytics, comments, and users. It was developed with the use of ReactJS, NodeJS, Express, and MSSQL.

Aguirre's MP Game Demo Thingy!   **FEB 2022 - MAR 2022**
- A mobile game with simple game mechanics like character movement, collection of items, and level progression. It was developed using Unity and utilizes MySQL for database.

FoxTales Online Book Selling System   **NOV 2020 - FEB 2021**
- A web application that has a book selling system, user functionalities, and back-end for webmasters. It was developed using the ASP.NET framework.

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STUDENT TRAINING AGREEMENT AND LIABILITY WAIVER

IMPORTANT INFORMATION
- THIS FORM IS TO BE ACCOMPLISHED AND SUBMITTED BY STUDENT TRAINEE TO THE PRACTICUM ADVISER BEFORE STARTING THE PRACTICUM.
- READ AND UNDERSTAND THE PROVISIONS OF THIS AGREEMENT AND WAIVER.
- ENSURE THAT ALL SIGNATORIES SIGN THE FORM.

I, Jose Alberto Magpily Aguirre _____, and a student of MALAYAN COLLEGES LAGUNA (hereinafter referred to as "MCL", do hereby voluntarily undergo on-the-job training at MALAYAN COLLEGES LAGUNA _____, hereinafter referred to as the "**Host Company**", located at Cabuyao, Laguna _____, under the following terms and conditions:

a.   That the practicum training will commence on March 29, 2023 and ends on May 21, 2023 and will have to complete a minimum of 324 _____ hours required for the on-the-job training;

b.   That I shall observe proper decorum and act professionally at all times and abide by the Company's rules and regulations and comply with those imposed for the training program, otherwise, I shall be excluded from further participation;

c.   That in the course of my training program, I may have access to information which may be of confidential in nature and proprietary to the Company, for which I may be required to execute a confidentiality and non-disclosure agreement as a prerequisite to my participation in the training program;

d.   That the time I will spend on the training program in the completion of my on-the-job training requirements will not and should not be interpreted or construed as working hours and should be regarded as non-compensable. Provided that, the Company may, as a unilateral act of liberality or generosity on their part, provide me with meal, travel, transportation allowances, accommodations, etc.;

e.   That I fully understand that notwithstanding the allowances enumerated in the preceding section which I may receive, there exists no labor-management and/or employer/employee relationship between me and the Company where I will undergo my training;

f.   That I shall exercise due care and diligence in the tasks assigned to me and personally be made answerable for any and all liabilities for damage to property or injury to third person, which may be occasioned by my intentional or negligent acts during the course of my on-the-job training;

g.   That I shall likewise hold the Host Company and MCL free and harmless from any and all liability and responsibility for any sickness or injury to myself and third parties and damage to property which I may sustain and/or may occur at any time during the training program, including time spent in traveling to and from any and all premises and locations where I may be required to go to as part of my training program;

h.   That the Company reserves the right to discontinue my training on reasonable grounds upon written notice to MCL and myself. Additionally, in the event my training program is discontinued for reasons attributable only to myself, I may be made to reimburse the Host Company for any/all the allowances, stipends, etc., which I may have received from them during and prior to the termination of my training program;

i.   That in addition to my liability under section g and for the pre-termination of my training program provided for under section h hereof, I may be subjected further to disciplinary action in accordance with the school's student manual and/or be a ground for disqualification from graduation;

Signed on this _29th_ day of March _____.

_____
JOSE ALBERTO AGUIRRE
Signature over printed name of **Student Trainee**

WITH OUR CONSENT:
_____
Signature over printed name of **Parent/Guardian**
(for minors only)

NOTED BY:
Jonalyn G. Lbron
_____
Printed Name and Signature of **Practicum Adviser/ Coordinator**

KHRISTIAN G. KIKUCHI
_____
Printed Name and Signature of **Host Company Representative**

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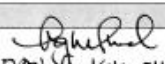A MAPÚA SCHOOL

PRACTICUM CONFIRMATION AND ACCEPTANCE FORM

IMPORTANT INFORMATION
- STUDENTS ACCEPTED FOR PRACTICUM IN A HOST COMPANY WILL HAVE TO ACCOMPLISH THIS FORM.
- ASK THE PRACTICUM SUPERVISOR/ COMPANY REPRESENTATIVE TO FILL IN THE DETAILS OF THE TRAINING.
- SUBMIT TO THE PRACTICUM ADVISER/COORDINATOR PRIOR TO THE START OF TRAINING.

NAME OF STUDENT	JOSE ALBERTO MAGPILY AGUIRRE	STUDENT NUMBER	2019154413
COURSE CODE	CS199F	SY/TERM ENROLLED	2023-3RD TERM

This is to certify that JOSE ALBERTO MAGPILY AGUIRRE _(name of student-trainee)_ has been accepted for practicum at MAPUA MALAYAN COLLEGES LAGUNA, CABUYAO, LAGUNA _(name and address of establishment)_ and will be attached to the College of Computer and Information Scie department/s for a minimum of, but not limited to 324 hours. Training will commence on March 29, 2023 and is expected to end on May 21, 2023. Attached is the list of requirements.

COMPANY REPRESENTATIVE

KHRISTIAN & KIKUCHI	DEAN
Signature over Printed Name	Official Designation
CCIS	—
Department	Email and Contact Number/s

NOTED BY

JONALYN E. ESCAN

Signature over printed name of Practicum Coordinator	03/29/2023
	Date

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CCIS College of Computer
and Information Science
Malayan Colleges Laguna

CS PRACTICUM X LEARNING PATH PROPOSAL

COMPLETE NAME   : Jose Alberto Magpily Aguirre   PROGRAM : BSCS
STUDENT NUMBER : 2019154413

IDENTIFIED LEARNING MODULES

A. Required Learning Modules

1. Design Thinking Learning Module *(Total Engagement Hours: 15 hours Total Credit Hours: 30 hours)*

    a. Learning Design Thinking: Lead Change in Your Organization by Turi McKinley (2h 8m)
    b. Develop Your Creative Thinking and Innovation Skills Learning Path 8 courses (8h)
    c. Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills 6 courses (5h)

2. Project Management Learning Module *(Total Engagement Hours: 15 hours Total Credit Hours: 30 hours)*

    a. Project Management Foundations by Bonnie Biafore (3h 20m)
    b. Become an Agile Project Manager Learning Path 9 courses (12h)

3. Workplace Management Learning Module *(Total Engagement Hours: 15 hours Total Credit Hours: 30 hours)*

    a. Develop Your Communication Skills and Interpersonal Influence 9 courses (8h)
    b. 5S Workplace Productivity by Gemba Academy (1h 36m)
    c. Time Management Fundamentals by Dave Crenshaw (2h 53m)
    d. Time Management: Working from Home by Dave Crenshaw (1h 25m)
    e. Business Etiquette: Phone, Email, and Text by Suzanna Kaye (58m)

B. Specialization Learning Modules

1. Web Development *(Total Engagement Hours: 90.6 hours Total Credit Hours: 181 hours)*
    A. Become a Full-Stack Web Developer (22h 19m)
        a. HTML Essential Training (2h 45m)
        b. CSS Essential Training (In Learn CSS Learning Path)
        c. JavaScript Essential Training (5h 29m)
        d. Search Techniques for Web Developers (55m)
        e. Learning ECMAScript 6+ (ES6+) (1h 15m)
        f. Git Essential Training: The Basics (2019) (2h 55m)
        g. React.js Essential Training (Explore React.js Development Learning Path)
        h. Node.js Essential Training (Exploring Web Development with Node.js Learning Path)
        i. SQL Essential Training (4h 24m)

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College of Arts and Science · Institute for Excellence in Continuing Education and Lifelong Learning · MCL Senior High School

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    j. NoSQL Essential Training (43m)

    k. Learning REST APIS (1h 6m)

    l. DevOps Foundations (2h 47m)

B. Explore React.js Development (20h 21m)

    a. React.js Essential Training (2h 1m)

    b. React.js: Building an Interface (1h 40m)

    c. React: Creating and Hosting a Full-Stack Site (4h 44m)

    d. React Hooks (1h 13m)

    e. React: Accessibility (34m)

    f. Building Modern Projects with React (3h 41m)

    g. React: Authentication (5h 12m)

    h. React: Server-Side Rendering (1h 13m)

C. Learn CSS (23h 56m)

    a. CSS Essential Training (4h 29m)

    b. CSS: Selectors (2h 19m)

    c. CSS: Inheritance, Specificity, and the Cascade (1h 36m)

    d. CSS: Images (2h 4m)

    e. CSS: Animation (1h 50m)

    f. CSS: Display (42m)

    g. Advanced Responsive Layouts with CSS Flexbox (1h 48m)

    h. CSS: Advanced Layouts with Grid (3h 21m)

    i. CSS: Variables and Fluid Layouts (2h 2m)

    j. CSS Layouts: From Float to Flexbox and Grid (1h 46m)

    k. CSS: Print Style Sheets (1h 54m)

D. Exploring Web Development with Node.js (24h)

    a. Node.js Essential Training (1h 20m)

    b. Learning npm the Node Package Manager (2018) (43m)

    c. Node.js: Testing and Code Quality (4h 21m)

    d. Databases for Node.js Developers (3h 34m)

    e. Express Essential Training (1h 59m)

    f. Advanced express (2h 30m)

    g. Node.js Essential Training: Web Servers, Test, and Development (1h 18m)

    h. Building RESTFUL APIs with Node.js and Express (1h 17m)

    i. Node.js: Securing RESTful APIs (58m)

    j. Node: Authentication (3h 38m)

    k. Advanced npm (42m)

    l. Node.js Microservices (2h 14m)

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College of Arts and Science - Institute for Excellence in Continuing Education and Lifelong Learning - MCL Senior High School

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Email : mclinfo@mcl.edu.ph

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2. Underline User Experience *(Total Engagement Hours: 14.37 hours Total Credit Hours: 28 hours)*
   A. Advance Your Skills in User Experience Design (14h 22m)
      a. Figma for UX Design (56m)
      b. Sketching for UX Designers (1h 35m)
      c. UX Deep Dive: Mapping (28m)
      d. Practical Accessibility for Designers (2h 5m)
      e. UX Foundations: Interaction Design (3h 28m)
      f. Design Powered by Data: Getting Started with UX Web Analytics (32m)
      g. Figma for UX Research: Presentations that Stand Out (4h)
      h. Micro for UX: Brainstorming and Collaboration (50m)
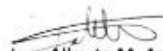   i. UX Deep Dive: Remote Research (26m)
3. Underline Cloud Computing *(Total Engagement Hours: 13.87 hours Total Credit Hours: 28 hours)*
   A. Understanding Cloud Fundamentals (13h 52m)
      a. Learning Cloud Computing: Core Concepts (1h 32m)
      b. Learning Cloud Computing: Public Cloud Platforms (1h 12m)
      c. Learning Cloud Computing: Cloud Security (53m)
      d. Learning Cloud Computing: Cloud Storage (1h 22m)
      e. Learning Cloud Computing: Networking (1h 8m)
      f. Cloud Concepts: Hybrid Cloud (37m)
      g. Introduction to AWS for Non-Engineers: 3 Core Services (1h 19m)
      h. Azure: Understanding the Big Picture (3h 25m)
      i. Google Cloud Foundations (49m)
      j. Cloud Computing Careers and Certifications: First Steps (1h 31m)

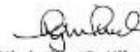|	
Required Modules Credit Hours:	**90 hours**
Specialization Modules Credit Hours:	**237 hours**
Total Credit Hours:	**327 hours**

PREPARED BY:

Jose Alberto M. Aguirre
Signature over Printed Name / Date

APPROVED BY:

3/29/2023

Khristian G. Kikuchi
Signature over Printed Name / Date

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DAILY JOURNAL

IMPORTANT INFORMATION
- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
- SCANNED COPIES OF THIS FORM SHALL BE SUBMITTED ON A WEEKLY BASIS THROUGH APPROVED LMS.
- HARD COPIES OF THIS FORM SHOULD BE COMPILED AS PART OF THE STUDENT'S PORTFOLIO.

DATE	March 31, 2023	AREA ASSIGNMENT	Learning Path
TASK	Three Courses	SHIFT/TIME	4:00 pm - 1:00 am (3h 47m)

On March 31, 2023, I have begun my learning path and started on my first required module course which is "Learning Design Thinking: Lead Change in Your Organization". I finished the course on that day as well and here are some of my insights. The Instructor presented the course very well and I have learned a lot from that course. It talks about how an organization works from the inside, how the collaboration can be developedand maintain.

Most importantly, it talks about how the organization goes through design thinking and collaborating with these ideas. After taking that course I have started taking "Develop Your Creative Thinking and Innovation Skills" learning path which had 7courses. I have finished "Thinking Creatively" and "Creativity: Generate Ideas in Greater Quantity and Quality". Both of those courses walkedme through creative thinking and what it means to be creative.

TRAINEE'S SIGNATURE

COPY: (1) STUDENT; (2) PRACTICUM ADVISER

FORM OVPAA 030G

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DAILY JOURNAL

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DATE	April 3, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finishing Learning Path	SHIFT/TIME	7:30 pm - 3:30 am (5h 11m)

For this day, I finished completeing "Develop Your Creative Thinking and Innovation Skills" Learning path. Throughout the courses, I have learned a lot from different instructors on how to think creatively and improve your innovation skills. From thinking creative for yourself and for collaboration with others. Innovation are also talked about in this learning path. I have learned how to enhance my innovation skills and apply it on my work. I also have learned a lot of enhancing innovation in regards to teamwork and collaboration. Overall, this helped me be more open-minded and taught mehow to break the restrains when thinking creatively.

TRAINEE'S SIGNATURE

COPY: (1) STUDENT; (2) PRACTICUM ADVISER

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DATE	April 5, 2023	AREA ASSIGNMENT	Learning Path
TASK	Start of New Learning Path	SHIFT/TIME	7:30 pm - 12:30 am (1hr 52m)

For this day, I started studying a new learning path titled "Develop Critical Thinking, Decision-Making, and Problem-Solving Skills". I finished the first two courses "Improving your Thinking" and "Critical Thinking". I learned a lot on the processes of oneself on how to think critically, how to think better and more methodical, etc.

TRAINEE'S SIGNATURE

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DATE	April 10, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finishing Learning Path	SHIFT/TIME	4:00 pm - 10:00 pm (2h 35m)

For this day, I finished completing "Develop Critical Thinking, Decision-Making, and Problem-Solving Skills" Learning Path. Through the courses of Critical thinking, problem solving, decision making, better judgement, and making quick decisions, I was able to improve my thought process with those skills. I understand how to make better judgements which in turn helps me able to make quick decisions. I also learned a lot on how to critically think to help me in solving problems.

TRAINEE'S SIGNATURE

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DAILY JOURNAL

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DATE	April 11, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finishing Project Management Founda	SHIFT/TIME	4:00 pm - 10:00 pm (3h 32m)

For this day, I have started and finished "Project Management Foundations". It gives me information about starting a project, managing the project with scheduling, working with other people, maintaining its consistency, etc. Overall, I have learned these way before as bits of knowledge provided by schools, videos, and even experience but the course provides more detail and more information that I learned new things on project management.

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DATE	April 12, 2023	AREA ASSIGNMENT	Learning Path
TASK	Starting New Learning Path / Reviewin	SHIFT/TIME	4:00 pm - 10:00 pm (4h)

For this day, I have started a learning path named "Getting Started as an Agile Project Manager". I only completed the first course which teaches me on agile project management with Microsoft Project. Sadly, I don't have Microsoft Project but I was impressed by the tool's ability to conduct Agile Project Management seemlessly. After the first course I have decided to work on my video presentation. I went back to my old courses to refresh and started a rough draft of the script.

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DATE	April 13, 2023	AREA ASSIGNMENT	Learning Path
TASK	Continuing with Refining the Script	SHIFT/TIME	2:00pm - 5:00 pm (3h)

For this day, I continued with working on my video presentation. I got around on refining my script for the video I research a lot about the courses that I will be taking throughout the semester.
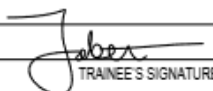
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DATE	April 14, 2023	AREA ASSIGNMENT	Learning Path
TASK	Researching for Diagrams, Finalizing S	SHIFT/TIME	10:00pm - 2:00 pm (3h)

For this day I finalized my script and began researching for diagrams I can use for my video. I was not able to do much as I needed to attend a seminar in the afternoon so my focus is shifted there most of the time.

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DATE	April 17, 2023	AREA ASSIGNMENT	Learning Path
TASK	Continuing Learning Path, Finished 2 (	SHIFT/TIME	7:00 pm - 12:00 am (2h 2m)

For this day I continued with the learning path "Getting Started as an Agile Project Manager".

I was able to complete two courses in that learning path namely "Agile at Work: Driving Productive Agile Meetings" and "Agile at Work: Getting Better with Agile Retrospectives".

Instructor Doug Rose provided insightful points about Agile projects and how should cooperation be achieved along members. He also talks about the importance of looking back at what you did good and what can be improved.
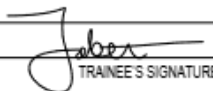
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DATE	April 18, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finishing Learning Path	SHIFT/TIME	12:00 pm - 10:00 pm (6h 35m)

For this day I have finished the learning path "Getting Started as an Agile Project Manager". I have learned a lot from the seven courses. I learned from being able tunderstand Agile as a concept, it's difference from waterfall, its advantages when it comes to software development, being able to manage an agile project, and the set of tools I can use for agile project management.
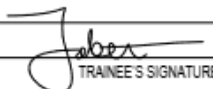
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DATE	April 19, 2023	AREA ASSIGNMENT	Learning Path
TASK	Starting Learning Path	SHIFT/TIME	2:00 pm - 8:00 pm (3h 51m)

For this day I have begun the final Module which is Workplace Management. I first started the learning path "Develop Your Communication Skills and Interpersonal Influence". I have learned many things on that learning path. I was able to learn a lot on public speaking, how to change your speech for presentation, becoming confident while speaking, etc. I also learned how to be approachable, how to change your behavior in a workplace so you don't feel out of place. Finally I have learned the nonverbal cues in communicating nonverbally is also equally important to understand the feelings from a person without even talking or listening to them.
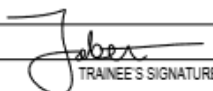
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DATE	April 20, 2023	AREA ASSIGNMENT	Learning Path
TASK	Starting and Completing the Course	SHIFT/TIME	2:00 pm - 6:00 pm (1h 33m)

For this day I have searched for a replacement from one of the courses as it is not available anymore in LinkedIn Learning. I have decided to take Business Collaboration in the Modern Workplace. I was able to learn the set of tools when collaborating, the right ettiquette when collaborating and the right mindset when collaborating. Overall, I have learned the nuances in collaboration in a workplace and I am glad to be able to learn it before I will have my career.
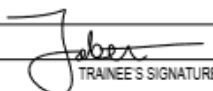
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DATE	April 24, 2023	AREA ASSIGNMENT	Learning Path
TASK	Completion of Required Modules	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have completed the required modules with finishing the last three courses.

I begin with Time Management Fundamentals. It talks about how to manage your time efficiently and scheduling your calendar well so it doesn't have any conflicts. It also talks about how to properly accept and reject people if they want your time and you can decide whether or not it conflicts with your schedule, etc. Afterwards I have finished Time Management: Working from Home where it talks in detail how you can work from home, how to focus when working from home and how to stop from overworking as it can happen when you're absorbed when working. Finally, I have finished Business Etiquette: Phone, Email and Text where it talks about how to compose a e-mail properly, the right time to either e-mail, text, or call someone. It also talks about when a how to follow-up the urgency of the message and more.

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DATE	April 25, 2023	AREA ASSIGNMENT	Learning Path
TASK	Beginning of Specialized Modules	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have begun my specialized modules which I begin first in Web Development. I have begin the module with the learning path "Become a Full-Stack Web Developer". I begin learning path with the course HTML Essentials where it talks the introduction of HTML which I already have a grasp on. However I did learn some new things within which talks about headers and other elements from HTML that are not widely used but are useful.

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DATE	April 26, 2023	AREA ASSIGNMENT	Learning Path
TASK	CSS Essentials Training	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have contiued with the learning path, this time taking "CSS Essentials Training".

I also have prior knoweldge already about CSS so the introduction course is just a recap of

what I know from CSS. I do learn some interesting things which I didn't know beforehand

like registering id to a div can be called in a website through links which is very useful

and a proper introduction to responsive CSS which is very knowledgeable for me.

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DATE	April 27, 2023	AREA ASSIGNMENT	Learning Path
TASK	Javascript Essential Training	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have contiued with the learning path, this time taking "Javascript Essential Training". It's a good refresher for me to understand again the basics of Javascript and its functionalities. I have learned more about the DOM and the way consts work once again in full detail.
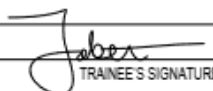
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DATE	April 28, 2023	AREA ASSIGNMENT	Learning Path
TASK	Minor Courses in Learning Path	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have contiued with the learning path, this time taking three small courses, Search Techniques for Web Developers, Learning ECMAScript 6+(ES6+), and Git Essential Training. I have prior knowledge already about git, and I am quite adept in searching the web. I do however learned alot in ECMAScript 6+ but I believe I will pursue React more than it but it's nice to learn more about the different javascript types.
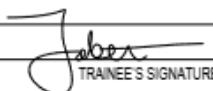
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DATE	May 01, 2023	AREA ASSIGNMENT	Learning Path
TASK	Minor Courses in Learning Path	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have continued the learning path with finishing courses "React.js Essential Training", "Node.js Essential Training", "SQL Essential Training", NoSQL Essential Training", and "Learning REST APIs", All of the courses listed I have prior knowledge except NoSQL.

I have refreshed and reinforced my knowledge about those courses alongside learning a new
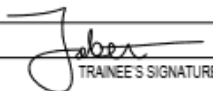
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DATE	May 02, 2023	AREA ASSIGNMENT	Learning Path
TASK	Finishing Learning Path, Starting a Nev	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I have finished the learning path with finishing the final course "DevOps Foundations" this course taught me a lot about collaboration between developers and operators. Testers are also involved in this process even stakeholders as well. It's interesting to see how Agile relates to DevOps as it promotes flexibility in programming and delivering deliverables more frequently which DevOps emphasizes. After finishing the learning path I began my Explore React.js Development learning path where I continued with "React.js Building an Interface" and "React: Creating and Hosting a Full-Stack Site". both courses introduce me on what I know so far in React as I have prior knowledge. My project in thesis are almost coded the same way with the same concepts to what those course offered me so it's a great validation of what I did so far.

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DATE	May 03, 2023	AREA ASSIGNMENT	Learning Path
TASK	Explore React.js Development	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I continued with the learning path "Explore React.js Development". I have taken and finished the courses Creating and Hosting a Full-Stake Site, React Hooks, Accessibility and Building Modern Projects with React. From these courses, I have refreshed my basic knowledge as well as knowledge from my thesis project which was made with React. From using hooks, states, and other functions with React, It's a very useful javascript library which makes coding websites easier and I learned a lot with those courses on how to utilize those effectively.

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DATE	May 04, 2023	AREA ASSIGNMENT	Learning Path
TASK	Explore React.js Development and Lea	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I finished Explore React.js Development and started on a new learning path "Learn CSS". I was able to learn more about React in regards to authentication and server-side rendering. These are very useful as there are concepts discussed there where I was not able to apply on my project previously. I will use this knowledge and get back to it in the future when I will need an authentication system once again.

Afterwards, I have taken a new learning path with Learn CSS. I can say that I know a lot about CSS but I can't say that I'm an expert. From the courses being discussed I learned new concepts which is crucial in coding CSS like how to declare properly, how to format properly, etc. In details I also learned a lot about CSS Animations, Images and how to manipulate them through CSS only, and finally display which is very important on how to display content properly on a website.
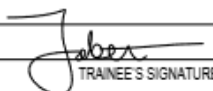
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DATE	May 05, 2023	AREA ASSIGNMENT	Learning Path
TASK	Learn CSS	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I finished Learn CSS with taking courses Advanced Responsive Layouts with CSS Flexbox, CSS: Advanced Layouts with Grid, CSS: Variables and Fluit Layouts, CSS Layouts: From Float to Flexbox and Grid, and CSS: Print Style Sheets. These courses are very rich in knowledge on what you need to know on how to format the content of your website, how to make it responsive properly, and when to use specific layouts with regards to grid, and flexbox. Flexbox and Grid are very powerful with regards to properly making the content of your website seamless and clean.

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DATE	May 08, 2023	AREA ASSIGNMENT: Learning Path
TASK	Explore Web Development with Node.j	SHIFT/TIME: 12:00 pm - 8:00 pm

For this day I begin a new Learning Path with "Explore Web Development with Node.js" Node.js is mostly used with React as the backend or server-side so learning this will be a huge help when becoming a full-stack web developer. I finished three courses with regards to learning npm, Testing your code and its quality, and the usage of databases. All these things are introductory but I do find packages and plugins used when testing your code which is extremely helpful when it comes to usability testing therefore I will come back to this course when I'm developing my website.

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DATE	May 09, 2023	AREA ASSIGNMENT	Learning Path
TASK	Explore Web Development with Node.j	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I continued with the learning opath taking four courses with regards to Express, Deployments, and RESTful APIs. I learned the basics of Express, how to use Postman with Node, deploying the web servers, etc.

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DATE	May 10, 2023	AREA ASSIGNMENT	Learning Path
TASK	Explore Web Development with Node.j	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I finished the learning path by taking the last three courses which teaches about Security with regards to authentication and APIs. I also learned about microservices in specifics I find caching images through the use of microservices interesting.
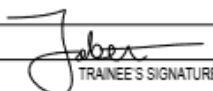
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DATE	May 11, 2023	AREA ASSIGNMENT	Learning Path
TASK	Advance Your Skills in User Experienc	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I started my User Experience Specialization and taking the learning path "Advance Your Skills in User Experience Design". From this learning path I have taken four courses today which involves using Figma and its basics, Sketching for UX Designers, UX with regards to mapping, and Practical Accessibility for Designers.

I learned a lot about Figma as I haven't use it to create UX Design. I also enjoyed the course about sketching because it talks about the importance of sketching your UX to understand it more better. Finally Practical Accessibility is the most important course for me because it's needed when creating a User Experience where it is accessibile by everyone even those with disabilities so I learned a lot on how to craft a UX Design that centers around being accessible to everyone.
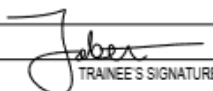
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DATE	May 12, 2023	AREA ASSIGNMENT	Learning Path
TASK	Advance Your Skills in User Experienc	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I finished the learning path and the specialization in the field of User Experience. I completed five courses that talks about Interaction Design and in detail on what User Experience is all about. It talks about the practices on interacting with the UX, abiding by the standards and the ethics with regards to user experience, how to retain the users through excellent UX and more. Afterwards I learned about the basics about UX analytics and creating presentations using Figma for your projects. Finally I learned about how to collaborate online using Miro and a quick lesson about Remote research.
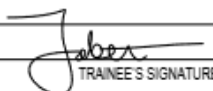
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DATE	May 15, 2023	AREA ASSIGNMENT	Learning Path
TASK	Understanding Cloud Fundamentals	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I started my final specialization module and it is in the field of Cloud Computing. I started the learning path "Understanding Cloud Fundamentals" and in specifics I have taken Cloud Computing Core Concepts, Public Cloud Platforms, Cloud Security, Cloud Storage, and Networking. In these courses I have learn the basics and the concepts of Cloud Computing, The different platforms of Public Cloud like Amazon Web Services Azure and Google Cloud Platform, Different types of securities involved in cloud like firewalls, key managements, encryption, etc, and Networking which talks about virtual networks, subnets, routing, etc. Overall those are good courses that helps me learn more about cloud computing, how they work, and their importance to computer science.

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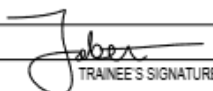A MAPÚA SCHOOL

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DATE	May 16, 2023	AREA ASSIGNMENT	Learning Path
TASK	Understanding Cloud Fundamentals	SHIFT/TIME	12:00 pm - 8:00 pm

For this day I finished my last specialization module, which marks this the last day of my whole learning path. I have finished the remaining courses in the learning path which teaches about Hybrid Cloud, Prepping for AWS Certificate, Azure, Google Cloud Foundations, and Cloud Computing Careers and Certifications. In those courses I learned a lot Hybrid cloud and its combination of private and public cloud infrastructures, I also learned about the certifications in Amazon Web Services and what I need to know to get those certificates, the services offered in Azure and Google Cloud Foundations and their comparison amongst cloud platform services and finally the careers and certifications I can possibly get through the field of Cloud Computing. Overall it's a good learning path and I have learned quite a lot in this specialization with regards to Cloud Computing.

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DATE	May 17, 2023	AREA ASSIGNMENT	Module 3 Requirements
TASK	Researching Materials for my Portfolio	SHIFT/TIME	12:00pm - 3:00pm

For this day I have started on working on my portfolio website.

I have researched materials of the structure of the porfolio website and

I have an idea so far on how I will be proceeding in developing my website.

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DATE	May 18, 2023	AREA ASSIGNMENT	Module 3 Requirements
TASK	Working on Module 2 Presentation	SHIFT/TIME	12:00pm - 3:00pm

For this day I have worked on my Module 2 Presntaiton which talks about my current progress of my practicum engagement, I have finished the presentation within the same day.

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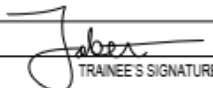A MAPÚA SCHOOL

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DATE	May 19, 2023	AREA ASSIGNMENT	Module 3 Requirements
TASK	Recording Video Presentation	SHIFT/TIME	12:00pm - 4:00pm

For this day I have recorded myself presenting my module 2 presentation. The video is around 5 minuntes long. In the next week I will be commited on developing my portfolio website.

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