

Final Report

I.T. Practicum

Submitted By:

Rubiano, Justine Khalel A.

IT199F - C51

Submitted To:

Mr. Khristian G. Kikuchi

IT Practicum Overview

As a requirement for an IT degree in Malayan Colleges Laguna, we must undergo an IT Practicum that requires 486 credited hours to complete in the span of 12 weeks. We were given multiple options on how to conduct the IT Practicum and I chose the Accenture Technology Academy program which grants access to the AWS Educate platform where I would need to complete four specific modules that would generate 120 credited hours. Due to the large number of hours needed to complete the IT Practicum, I must take courses from another platform alongside the ATA program where I would get most of my credited hours. As per recommendation, I enrolled in LinkedIn Learning.

The AWS Educate platform requires students to read the provided material in order to answer chapter quizzes. Some of the courses also have hands-on activities where participants must follow a set of step-by-step instructions while navigating through a simulation of the AWS facilities to accomplish tasks. At the end of the course, there is a final assessment like the chapter quizzes in which the participant must answer multiple choice questions and must score a certain threshold in order to proceed. On the other hand, the LinkedIn Learning platform only requires the participant to go through the video sections of the course. The chapter quizzes between videos are optional. Some of the courses also offer exercise files for download so that you can test what you have learned but it is also optional.

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
n/a	n/a	1 hour	40 hours	40 hours	37 hours
Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
40 hours	40 hours	22 hours	n/a	n/a	n/a

Required Hours: 486

Total Engagement Hours: 223

Total Credited Hours: 489

Accenture

Accenture is an Irish company based in Dublin, they specialize in services that involve information technology and consulting. Accenture Philippines is a branch of Accenture that is based on the Philippines, and they offer training opportunities for potential employees through learning platforms such as AWS Educate under their Accenture Technology Academy.

AWS Educate

120 credited hours

On this platform, I had to complete four courses that focused on Amazon Web Services which gave an overview on the capabilities of the service as well as instructions on the basics of operating and navigating the system, later courses also explained the different technologies involved in the service.

1. Introduction to the AWS Management Console

1 hour

A course that offers a brief overview on the significance of the AWS Management Console and how to navigate the AWS ecosystem using it.

2. Introduction to Cloud 101 (Labs)

8 hours

A course that introduces the core services of Amazon Web Services which include AWS S3, EC2, DynamoDB, RDS, VPC, and IAM. The course consisted of mostly hands-on activities that require the student to follow step-by-step instructions on how to operate the core services.

3. Cloud Support Associate

40 hours

A course that introduces skills needed to be a Cloud Support Engineer. The course covers multiple areas such as platform, network, software development, and security. It does not include any hands-on training and majority of the material is linked from third party sources.

4. Application Developer

50 hours

A course that introduces skills needed to be an Application Developer. The course covers multiple areas of software development such as architecture, DevOps, programming, scripting, web, mobile and gaming, it also covers databases and platforms. It does not include any hands-on training and majority of the material is linked from third party sources.

LinkedIn Learning

Design Thinking

45 credited hours

This is the first required learning module which focuses on the concept of Design Thinking and how it relates to professionals.

1. Learning Design Thinking: Lead Change in Your Organization

2 hours 8 minutes

A course that introduces the idea of Design Thinking and how it can transform the way we do things when it comes to creating and delivering a product to the client.

2. Develop Your Creative Thinking and Innovation Skills

8 hours

A course that touches upon how creativity can affect our actions and approach to things, its importance is also emphasized when talking about the process of innovation.

3. Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills

5 hours

A course that discusses the significance of critical thinking when one is faced with different scenarios and how important it is when making decisions.

Project Management

45 credited hours

This is the second required learning module which is about project management and how to optimize involved processes in order to improve productivity.

1. Project Management Foundations

3 hours 20 minutes

A course that discusses the ways you can ensure a project successfully accomplishes its goal using best practices as well as appropriate methodologies.

2. Become an Agile Project Manager

12 hours

A course that introduces us to the agile mindset and explains how to integrate it into our workflow using tools such as Microsoft Project.

Workplace Management

45 credited hours

This is the third required learning module which is about workplace management and ways to improve it by developing a good work culture using better practices.

1. Develop Your Communication Skills and Interpersonal Influence

8 hours

A course that discusses the different types of communication and how excellent communication is essential to achieving good work culture.

2. 5S Workplace Productivity

1 hour 36 minutes

A course that teaches the concept of "5S" which stands for "Sort, Straighten, Sweep, Standardize, and Self-Discipline". This concept helps to streamline the different areas of a business when applied properly.

3. Time Management Fundamentals

2 hours 53 minutes

A course that discusses the importance of having an organized workflow and time schedule in increasing one's productivity and efficiency.

4. Time Management: Working from Home

1 hour 25 minutes

A course that has same goal as "Time Management Fundamentals", but it is more focused on optimizing one's workflow and time schedule when working from home.

5. Business Etiquette: Phone, Email, and Text

58 minutes

A course that teaches the proper ways of sending an email, text message, and phone call on a professional basis.

Software Development

210 credited hours

This is the first specialization module that I have chosen. I decided to focus on courses that involve web development since I am interested in that field, and I think it would help me in the future.

1. Introduction to Web APIs

1 hour 1 minute

A course that gives a brief overview of what web APIs are and how they work, also their importance and widespread use in modern web development.

2. Become a Full-Stack Web Developer

29 hours

A course that covers multiple topics that are essential in web development. For front-end, HTML, CSS, and JavaScript were introduced followed by a basic explanation of the React.js framework. Git was included as the version control system. For the back end, Node.js was chosen along with lessons about SQL and NoSQL. The course also included a brief lesson on DevOps foundations.

3. Become a RESTful API Developer

6 hours 17 minutes

A course that explains what APIs and RESTful APIs are, including a demonstration on how to set up a basic example as well as how to put security on it.

4. Become a MERN Stack JavaScript Developer

27 hours

A course that explains the MERN stack. MERN is an abbreviation for the technologies used in the stack and it includes MongoDB, Express.js, React.js, and Node.js. As such, introductions and additional information are given to these technologies throughout the course.

5. Bootstrap 5 Essential Training

4 hours 20 minutes

A course that introduces Bootstrap 5 and the benefits of using it over regular CSS. It also teaches the fundamentals of using it.

6. Developing for Web Performance

2 hours 25 minutes

A course that focuses on the performance of web applications, the reasons why their slow and how to optimize them for better performance.

User Experience

24 credited hours

This the second specialization module I chose, I only included one course which an all-in-one course to cover the basics of user experience.

1. Become a User Experience Designer

8 hours 30 minutes

A course that explains the concept of user experience, the different aspects of it, and ways to put consumers first during the design process.

Synthesis

Before taking the IT practicum, we were presented with multiple paths we can take. I chose the ATA program for convenience and ease since it will put me in a difficult position if any problem arises during the span of 12 weeks. If the schedule was more lenient, I would prefer to find a company to train under. Seeing how professionals work is a valuable experience but with my limited skills now, I may not be able to fully take advantage of the opportunity. The path that I chose which focuses on online learning is not bad compared to the first option since the learning platforms used is excellent, all things considered.

For the first part of my IT practicum, AWS Educate, I think the platform itself has excellent tools for learning. Hands-on activities use the actual AWS system and not a stripped-down version of a simulation, this is important because compared to the activities we went through in our network courses which uses a simulated environment that is a basic version of the actual system and equipment. In terms of the four courses we were designated, I only appreciated the second course "Introduction to Cloud 101" because it is the only one with actual hands-on training, the last two courses were in a way, disappointing since it is only filled with reading material. For LinkedIn Learning, most, if not all the courses I took were only composed of videos, short quizzes, and exercise files. The quizzes and exercise files are entirely optional. The videos are well organized and are split into shorter topics which is good if you need to find specific info.

I have spent nearly four years in college in order to earn an IT degree and these four years have been full of ups and downs, most notably having to spend my last two years of college at home because of the pandemic situation. This IT practicum is supposed to be the culmination of those four years alongside our capstone project. Even though I included projects in my portfolio that I have been involved with, I don't think they are worth showcasing because their scale is small,

and the finished outputs are not impressive. This really made me realize that I must study different technologies and work on more projects in the future.

Appendices

Certificates

The screenshot shows the AWS Educate homepage with a light blue header bar containing the AWS logo and the word "educate". Below the header, a large green and blue graphic features the text "Your cloud journey starts here". A sub-header below it says "No matter your goal, we've gathered the most useful content to build your cloud skills." To the left, there's a sidebar with "Filters" for Course Features (Badge, Lab), Topic (Analytics, Cloud Computing, Development, Machine Learning & AI, Network & Infrastructure, Professional skills, Security), and Level (Foundational, Intermediate, Advanced). The main content area displays "Most popular courses and labs" with five cards: "Introduction to the AWS Management Console" (Cloud Computing, Foundational, 1 hour), "Builder Labs" (Development, Intermediate, 6 hours), "Introduction to Cloud 101 (Labs)" (Cloud Computing, Foundational, 8 hours), "Machine Learning Foundation (Lab)" (Machine Learning & AI, Foundational, 3 hours), and "AWS DeepRacer Primer (Lab)" (Machine Learning & AI, Foundational, 3 hours). To the right, there's an "Explore" section with links to AWS Cloud ramp-up guides, Learn on Twitch series, additional resources, AWS Skill Builder, jobs and internships, and AWS Cloud Quest: Cloud Practitioner.

This screenshot shows the AWS Educate homepage with a different set of course cards. In the top navigation bar, the "Courses & Labs" tab is selected. The main content area features a "Young learners" section with five cards: "Cloud Computing" (Cloud Computing, Foundational, 0.5 hours), "Cloud Building" (Cloud Computing, Foundational, 0.5 hours), "Algorithms" (Development, Foundational, 0.5 hours), "Program Design" (Development, Foundational, 0.5 hours), and "Data Analysis" (Analytics, Foundational, 0.5 hours). Below this is a "Completed" section with four cards: "Introduction to the AWS Management Console" (Cloud Computing, 100%, Foundational, 1 hour), "Introduction to Cloud 101 (Labs)" (Cloud Computing, 100%, Foundational, 8 hours), "Cloud Support Engineer" (Cloud Computing, Advanced, 35 hours), and "Application Developer" (Development, Advanced, 45 hours). The right side of the page contains the same "Explore" section as the first screenshot, including links to AWS Cloud ramp-up guides, Learn on Twitch series, additional resources, AWS Skill Builder, jobs and internships, and AWS Cloud Quest: Cloud Practitioner.



This badge was issued to [Justine Khalel Rubiano](#) on April 14, 2022

[Share](#)[...](#)

AWS Educate Introduction to Cloud 101

Issued by [Amazon Web Services Training and Certification](#)

Earners of this badge have completed the Cloud Computing 101 training and achieved the required scores on the post-course assessment. They have demonstrated the ability to create simple cloud applications in a virtual lab environment. They have shown a fundamental [More...](#)

Skills

[Amazon Web Services \(AWS\)](#)[AWS Cloud](#)[AWS Cloud Computing](#)[Cloud Foundations](#)[Additional Details](#)

LEARNING

Certificate of Completion
Congratulations, Justine Khalel Rubiano

Learning Design Thinking: Lead Change in Your Organization

Course completed on Apr 28, 2022 at 12:18PM UTC • 2 hours 8 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Dan Boden
Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AdmndMTCYMMnUn7vz3A9Dqs_SEyM



in LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Develop Your Creative Thinking and Innovation Skills

Learning Path completed on Apr 29, 2022 at 03:12PM UTC • 8 hours 25 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Organizational Leadership, Creativity Skills, Innovation Management, Collaborative Innovation

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning

1000 W Maude Ave

Sunnyvale, CA 94085

Certificate Id: AWLSNVVg9V2wkH-G0lxq2



in LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills

Learning Path completed on Apr 30, 2022 at 02:32AM UTC • 4 hours 52 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Problem Solving, Critical Thinking, Decision-Making

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning

1000 W Maude Ave

Sunnyvale, CA 94085

Certificate Id: AVfERe6tEG9LPCqGsODCU2VDjebA



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Project Management Foundations

Course completed on Apr 30, 2022 at 09:48AM UTC • 3 hours 20 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AW01qSjKN9upnDNfbdQ5tphNkv9g



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Become an Agile Project Manager

Learning Path completed on May 01, 2022 at 11:20AM UTC • 10 hours 34 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Project Management, Microsoft Project, Agile Project Management

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: Ae_axLFlg81Hoglz1otdTJdEZ0t4



in LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Develop Your Communication Skills and Interpersonal Influence

Learning Path completed on May 02, 2022 at 09:29PM UTC • 7 hours 41 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Communication, Interpersonal Skills, Interpersonal Communication

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AQVSYA7H1fztsjXNF_XBNAPVmZPs



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

5S Workplace Productivity

Course completed on May 03, 2022 at 03:34PM UTC • 1 hour 36 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AfpVNt1pUB3K4aMGABqM8qY0AmCu



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Time Management Fundamentals

Course completed on May 02, 2022 at 11:51PM UTC • 1 hour 47 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: Aaz7Na_64duJ6L1Z2MhMWgNvE48h



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Time Management: Working from Home

Course completed on May 03, 2022 at 04:27AM UTC • 1 hour 17 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AdUpqPYgkuhKwqaNDwz3fpn7txY



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Business Etiquette: Phone, Email, and Text

Course completed on May 03, 2022 at 12:24PM UTC • 58 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AeZENbIZvssxO29U3tD-jUktD5p0



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Introduction to Web APIs

Course completed on May 05, 2022 at 08:15AM UTC • 1 hour 1 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AY3CwMpu8z3yewlXUQESqhiBVYSv



in LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Become a Full-Stack Web Developer

Learning Path completed on May 10, 2022 at 01:57PM UTC • 29 hours 13 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Web Development, Full-Stack Development, Back-End Web Development, Software Development, Front-End Development

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: ATge0DhHjcX5iBUEwWcRfRsPrKfs



in LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Become a RESTful API Developer

Learning Path completed on May 07, 2022 at 08:04PM UTC • 6 hours 17 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Back-End Web Development, Front-End Development, Application Programming

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AYzyewmTzdiPPi5ZOYLmKAiBxBsD



IN LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Become a MERN Stack JavaScript Developer

Learning Path completed on May 18, 2022 at 04:35PM UTC • 27 hours 10 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

Express.js, React.js, Back-End Web Development, MongoDB, Node.js, Front-End Development

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AYmlPPxvhCiH5JwlZ8QCHg9tg9_S



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Bootstrap 5 Essential Training

Course completed on May 03, 2022 at 10:28PM UTC • 4 hours 20 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AUDZW2-zLfKdx-ZL9Oqekljz6vnp



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Developing for Web Performance

Course completed on May 04, 2022 at 05:44AM UTC • 2 hours 25 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AaPGPYRH0ivBS2-edF40XXSz3KQ



LinkedIn LEARNING

Certificate of Completion

Congratulations, Justine Khalel Rubiano

Become a User Experience Designer

Learning Path completed on May 04, 2022 at 10:13PM UTC • 8 hours 30 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

Top skills covered

User Interface Prototyping, Web Design, Web Graphics, User Experience (UX), User Experience Design (UED)

A handwritten signature in black ink.

Head of Content Strategy, Learning

LinkedIn Learning
1000 W Maude Ave
Sunnyvale, CA 94085

Certificate Id: AQ63TlfEdUk221EqwDrvNUsSYPLQ

Justine Khalel A. Rubiano

20 Tyler Street Filinvest Homes South

Binan, Laguna

09452078831

jkarubiano@live.mcl.edu.ph

Education

Malayan Colleges Laguna

4th Year B.S in Information Technology (June 2018 - present)

Experience

Trucking Dispatch Management System with GPS Capstone Project (November 2021)

- A system that can be used by transport services companies to handle, organize and track the location of shipments. It is composed of an external tracker, web and mobile application.
- Led the development of the web application.

FishCare IOT Course Project (March 2021)

- A basic system used to monitor the parameters of an aquarium such as water temperature and humidity, it is composed of sensors and a web application.
 - Led the development of the project.
-

Skills

- Knowledgeable in the fundamentals of HTML, CSS, JavaScript, PHP, SQL and Bulma CSS.
- Has basic experience in working with electronic components and microcontrollers.
- Knowledgeable in the basic usage of Microsoft Office Applications.
- Ability to troubleshoot basic hardware and software problems.
- Ability to work under pressure with minimum supervision.
- Ability to work independently or with a group of people.

Practicum Acceptance

Outlook | Search | New message | Delete | Archive | Junk | Sweep | Move to | Categorize | Snooze | Undo | Teams call | D | ? | Sign out | Malayan Colleges Laguna | JUSTINE KHALEL A.... | jkarubano@live.mcl.edu.ph | View account | Open another mailbox | ...

AWS Educate Support
AWS Educate - Verify your... 6:32 AM
Thank you for registering for AWS E...

Microsoft Forms
My responses: Billing Form 5:19 AM
Thank you for filling out "Billing For..."

campus-recruitment
Accenture Technology... 5:19 PM
Thank you for enrolling at Accenture...

Edu C. Abellera
LINKEDIN LEARNER... Wed 5:06 PM
Good day! Extended (Note: Please ...
GOALS LINKEDIN +1
+1
+1

LinkedIn
Justine Khalie, welcome... Wed 4:17 PM
Here's three quick steps to get start...

LinkedIn Messages
Justine Khalie, your pl... Wed 4:01 PM
Justine Khalie Rubiano Thank you fo...

Last week

do-not-reply@blackboard.com
Daily Notifications Sat 4/2
Your updates Assessments M1Activ...

do-not-reply@blackboard.com
Daily Notifications Wed 3/30
Your updates Other new content Aut...

Accenture Technology Academy: Access Granted – Amazon Web Services

This message was sent with High importance.

campus-recruitment <campus-recruitment@accenture.com>
Wed 4/6/2022 8:38 PM
Cc: Ongoco, Dimple <ma.roselle.e.ongoco@accenture.com>;Fernandez, Raine <florraine.fernandez@accenture.com>;Maribelle D. Pabiania

User Guide - AWS V1.1.pdf 1 MB

 **Accenture Technology Academy**

Thank you for enrolling at Accenture Technology Academy. This is to confirm that you have been granted access to ATA Amazon Web Services. Start by following the instructions in the attached User Guide on creating your account and accessing the courses.

For your reference, below is the ATA AWS Curriculum:

Course	Description	Duration
Application Developer	An Application Developer creates or writes programs for a particular operating system (i.e. Windows, Mac OS X or UNIX), the web or a device.	50h
Introduction to Cloud 101	The goal of this course is to set a foundation for cloud knowledge and help you decide where to take your learning next.	8h
Cloud Support Associate	This course will help you gain knowledge and experience with cloud fundamentals.	40h
Cloud Support Associate	Cloud Support Associates use their expertise in cloud computing and AWS solutions to answer customer questions and solve technology challenges every day. If you're curious, excited by the future of cloud computing, and enjoy working directly with customers.	40h

Take advantage of this opportunity to get all the knowledge you need to grow your skills and prepare for your future career in technology. We encourage you to finish these courses by June 30, 2022. For questions or concerns, reach out to your faculty POCs – Ms. Maribelle Pabiania, mdpabiania@mcl.edu.ph.

IT PRACTICUM X LEARNING PATH PROPOSAL

COMPLETE NAME : RUBIANO, JUSTINE KHALEL A.
STUDENT NUMBER : 2018135917

PROGRAM : BSIT

IDENTIFIED LEARNING MODULES

A. Accenture ATA

1. AWS Curriculum (*Total Engagement Hours: 100 hours Total Credit Hours: 120 hours*)

- a. Introduction to the AWS Management Console (1h)
- b. Introduction to Cloud 101 (Labs) (8h)
- c. Cloud Support Associate (40h)
- d. Application Developer (50h)

B. Required Learning Modules

1. Design Thinking Learning Module (*Total Engagement Hours: 15 hours Total Credit Hours: 45 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: 45 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: 45 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)

C. Specialization Learning Modules

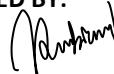
1. Software Development (*Total Engagement Hours: 70 hours Total Credit Hours: 210 hours*)

- a. Introduction to Web APIs (1h 1m)
- b. Become a Full-Stack Web Developer (29h)
- c. Become a RESTful API Developer (6h 17m)
- d. Become a MERN Stack JavaScript Developer (27h)
- e. Bootstrap 5 Essential Training (4h 20m)
- f. Developing for Web Performance (2h 25m)

2. User Experience (*Total Engagement Hours: 8 hours Total Credit Hours: 24 hours*)

- a. Become a User Experience Designer (8h 30m)

PREPARED BY:



RUBIANO, JUSTINE KHALEL A. 4/9/2022

Signature over Printed Name / Date

APPROVED BY:



KHRISTIAN G. KIKUCHI 04/11/2022

Signature over Printed Name / Date

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 23, 2022 - March 26, 2022 (Week 1)	AREA ASSIGNMENT	Accenture ATA
TASK	Wait for acceptance email and further instruction	SHIFT/TIME	n/a

March 23, 2022 - March 26, 2022 : I waited for the acceptance email for the Accenture ATA program.

I was informed that there will be an orientation for the program in week 2 and also a practicum meeting was scheduled.

RUBIANO, JUSTINE KHALEL A. *(Signature)*

TRAINEE'S SIGNATURE

DAILY JOURNAL

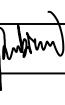
IMPORTANT INFORMATION

- 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 28, 2022 - April 2, 2022 (Week 2)	AREA ASSIGNMENT	Accenture ATA
TASK	Attend Accenture ATA orientation and practicum meeting	SHIFT/TIME	n/a

March 30, 2022: The tasks we need to accomplish in Blackboard Learn for the practicum course were explained in a meeting. We were also instructed to accomplish our practicum learning path proposal and submit it.

March 31, 2022: We attended the Accenture ATA orientation, the representatives of accenture had a presentation about the program. After explaining about AWS Educate and what we need to do to complete the program, we were allowed to ask a few questions.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

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.

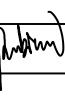
DATE	April 4, 2022 - April 9, 2022 (Week 3)	AREA ASSIGNMENT	Accenture ATA
TASK	Start AWS Educate courses and enroll in LinkedIn Learning	SHIFT/TIME	1 hour

April 6, 2022: Received the acceptance email for Accenture ATA program.

April 7, 2022: Successfully enrolled in LinkedIn Learning using MCL offering. I also took the time to set up my AWS Educate account and add the required courses by following the PDF guide provided by Accenture.

April 8, 2022: I finished the first course required in AWS Educate, "Introduction to the AWS Management Console". The course introduced us to the AWS Management Console which is used to access the different AWS resources available to the users. The course material consisted of reading sections and also interactive parts. The course only took 1 hour to complete. After finishing the course, I decided to stop and just continue the other courses in week 4.

April 9, 2022: I finalized my practicum learning path proposal and emailed it to Sir Khristian G. Kikuchi requesting for approval.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

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	April 11, 2022 - April 16, 2022 (Week 4)	AREA ASSIGNMENT	Accenture ATA
TASK	Do AWS Educate courses	SHIFT/TIME	40 hours

April 11, 2022: I received an email response from Sir Khristian G. Kikuchi confirming the approval of my practicum learning path proposal.

April 13, 2022: I finished the second course on AWS Educate, "Introduction to Cloud 101". The course had reading sections explaining the core services of Amazon Web Services. After reading the initial information, we had to complete hands-on exercises on how to use the core services. These exercises were relatively simple to do since we just have to follow the step by step manual that was provided. However, I had difficulties during the first exercise because we had to follow more than a hundred steps to finish it while under time constraint. The time limit for the exercises range from 30 to 60 mins and allowed multiple attempts. Overall, these exercises helped me understand how AWS works on a basic level. The total time required for this course was 8 hours.

April 15, 2022: I started the third course on AWS Educate, "Cloud Support Associate". The course did not have interactive parts like the previous course and instead consisted of mostly reading sections with a short quiz at the end. The course focused on different areas including operating systems, virtualization, network architecture, programming and scripting languages and security. The total time required for this course was 40 hours.

April 16, 2022: After going through most of the material, I hit the limit of 40 hours per week and decided to continue the remaining content on week 5.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

DAILY JOURNAL

IMPORTANT INFORMATION

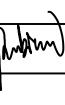
- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
- SCANNED COPIES OF THIS FORM SHALL BE SUBMITTED ON A WEEKLY BASIS THROUGH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

DATE	April 18, 2022 - April 23, 2022 (Week 5)	AREA ASSIGNMENT	Accenture ATA
TASK	Do AWS Educate courses	SHIFT/TIME	40 hours

April 18, 2022: I finished the remaining hours of "Cloud Support Associate". At the end of the course, we had to answer a final assessment and do a project. The final assessment were a combination of the previous quizzes we answered before. For the final project, we were presented real life scenarios when working in the industry and then we would have to choose an appropriate action in order to pass. Personally, I prefer the previous course where we had to do hands-on training, it was a more fulfilling experience than reading material.

April 19, 2022: I started the final course on AWS Educate, "Application Developer". The course introduced us to the technologies used to develop the applications that were involved in cloud computing. These include application architecture, DevOps, programming and scripting languages, web and mobile development, data structures, operating systems and virtualization. Seeing as the course involves various technologies, the majority of the reading materials were linked to third party sources and only brief information were provided in the reading sections on AWS Educate. The total required time for this course was 50 hours.

April 23, 2022: After going through most of the material, I hit the 40 hour limit and decided to continue the course on week 6.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

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.

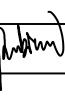
DATE	April 25, 2022 - April 30, 2022 (Week 6)	AREA ASSIGNMENT	Accenture ATA
TASK	Do AWS Educate and LinkedIn Learning courses	SHIFT/TIME	37 hours

April 26, 2022 - April 27, 2022: I finished the "Application Developer" course. I had to answer a final exam and project to finish the course. It was similar to the previous course, "Cloud Support Associate" but the difference is that the final project required us to submit some code in order to answer a question. After finishing the course, I took a screenshot of my course dashboard to prove that I have completed all of the courses that were required by the Accenture ATA. I finished 18 hours.

April 28, 2022: I finished "Learning Design Thinking: Lead Change in Your Organization" which is the first course in the "Design Thinking Learning Module". The course explained the concept of "Design Thinking" which is an approach used when delivering a product to a client. It focuses on human empathy, communication and iteration to achieve goals. This course required 2 hours 8 minutes.

April 29, 2022: I finished "Develop Your Creative Thinking and Innovation Skills". The course was about creativity and how it affects our actions and approach to things, its importance was also emphasized when it comes to the process of innovation. The course required 8 hours 25 minutes.

April 30, 2022: I finished "Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills". The course was about the significance of critical thinking when one is faced with different scenarios and how important it is when making decisions. This course required 5 hours. After that, I finished "Project Management Foundations". The course was about the ways you can do to ensure that a project successfully accomplishes its goal through best practices and methodologies. The course required 3 hours 20 minutes.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

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	May 2, 2022 - May 7, 2022 (Week 7)	AREA ASSIGNMENT	Accenture ATA
TASK	Do LinkedIn Learning courses	SHIFT/TIME	40 hours

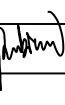
May 2, 2022: I finished the course "Become an Agile Project Manager". The course introduced us to the agile mindset and explained how to integrate it into our work flow using tools such a Microsoft Project. This course required 12 hours.

May 3, 2022: I finished the course "Develop Your Communication Skills and Interpersonal Influence". The course explained different types of communication and its importance to work culture. This course required 8 hours. After that, I finished "Time Management Fundamentals". The course explained that having an organized work flow and time schedule would increase your productivity and efficiency. The course required 1 hour 36 minutes. Next, I finished "Time Management: Working from Home". The course was similar to the last one but it explained ways you can optimize your work flow while being at home. The course required 1 hour 25 minutes. After that, I did "Business Etiquette: Phone, Email and Text". The course taught me the proper ways of sending an email, text message and phone call on a professional basis. This course required 58 minutes. The last one is "5S Workplace Productivity". It explained the 5S culture which stands for "Sort, Straighten, Sweep, Standardize, and Self-Discipline", it is a way to improve the process of a business. The course required 1 hour 36 minutes.

May 4, 2022: I finished the course "Bootstrap 5 Essential Training". It explained what Bootstrap 5 is and the fundamentals of using it, in place of regular CSS. The course required 4 hours 20 minutes.

After that I finished "Developing for Web Performance". This course explained why web apps are slow and how we can optimize them for better performance. This course required 2 hours 25 minutes.

May 5, 2022: I finished "Introduction to Web APIs". The course explained what APIs are and how they work. The course required 1 hour and 1 minute. The next one is "Become a User Experience Designer". It explained what user experience is and the concepts around it. The course took 8 hours 30 minutes.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE

DAILY JOURNAL

IMPORTANT INFORMATION

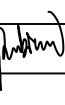
- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
- SCANNED COPIES OF THIS FORM SHALL BE SUBMITTED ON A WEEKLY BASIS THROUGH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

DATE	May 9, 2022 - May 14, 2022 (Week 8)	AREA ASSIGNMENT	Accenture ATA
TASK	Do LinkedIn Learning courses	SHIFT/TIME	40 hours

May 8, 2022: I finished "Become a RESTful API Developer". The course briefly explained APIs and what RESTful API are. The course also demonstrated how to set up a basic RESTful API and how to secure it. The course required 6 hours 17 mins.

May 10, 2022: I finished "Become a Full-stack Web Developer". The course covered multiple topics that are required in web development. For the front-end, HTML, CSS, and JavaScript were introduced followed by a basic explanation of the React.js framework. Git was also included as a version control system that is essential to developers. For the back-end, Node.js was chosen along with lessons about SQL and NoSQL. The final one was a lesson on DevOps foundations. The course required 29 hours. This course was very informative since it covered technologies needed for web development, however most of the lessons were introductions and lack some technical information.

May 11, 2022: I started "Become a MERN Stack JavaScript Developer". The course was similar to the previous course except it focused on the specific technologies used in the MERN stack which includes MongoDB, Express.js, React.js and Node.js. The lessons in this course were also mostly introductory. After going through most of the material, I have reached the 40 hour limit and decided to continue it on week 9.

 RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE



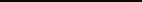
DAILY JOURNAL

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	May 16, 2022 - May 21, 2022 (Week 9)	AREA ASSIGNMENT	Accenture ATA
TASK	Do LinkedIn Learning courses	SHIFT/TIME	22 hours 17 minutes

May 19, 2022: I finished "Become a MERN Stack JavaScript Developer". The course required 27 hours to complete. This is the final course I had to do to in my practicum.

RUBIANO, JUSTINE KHALEL A. 

TRAINEE'S SIGNATURE