

JOHN RUSSELL A. CARAGAY

COMPUTER ENGINEERING

Technological Institute of the Philippines (TIP) M

Address: Alapan II-A Imus City, Cavite

Email Address: mjracaragay@tip.edu.ph | caragayrussell@gmail.com

Cellular No.: 0998 167 5537

LinkedIn: www.linkedin.com/in/john-russell-caragay

Website Portfolio: <https://russellcaragay.github.io/portfolio-website/>



CAREER OBJECTIVE

As a graduating student, I'm seeking a position as a data analyst in a collaborative and dynamic environment where I can utilize all the learning, knowledge, and skills I obtained from TIP. Currently, I'm reviewing the lessons from our data science elective course to create personal projects and provide quality outputs for future clients. Afterward, I will invest my time in learning Microsoft Power BI to deliver more comprehensive and visualized analysis of data.

WORK EXPERIENCE

IT Support Specialist – Intern (February 2023 – April 2023)

LizardBear Tasking Inc. (TaskUs)

- Utilized **Microsoft Development Toolkit (MDT)** in reimaging system units.
- Navigated **Workspace ONE Unified Endpoint Management (UEM)** for asset management.
- Utilized **Google Workspace** for asset management.
- **Assisted** the whole IT team in daily basis.
- **Collaborated** with co-interns in diagnosing and troubleshooting software and hardware problems.
- **Installation** of hardware and software components for company compliance.

KNOWLEDGE, SKILLS AND ATTITUDE

Being immersed in the technology environment made me believe that one of the most important skills is to be a lifelong learner. The following are the experiences I have acquired throughout my journey:

- Experienced in programming languages such as **C++, Python and JavaScript**.
- Data Analysis and Visualization using **Microsoft Excel, Google Spreadsheets, Python (NumPy, Pandas, Seaborn, and Matplotlib)**, and **SQL**.
- Built static Front-End Projects using **HTML5, CSS3, JavaScript, and Bootstrap 5**.
- Developed Back-End Projects using **Node.js, and Express.js**.
- Utilized technology collaborative tools such as **Git, Figma, and Trello**.
- Managed Database Systems using **MySQL**.
- Built Embedded Systems using **TinkerCAD**, and **Arduino microcontroller**.
- Experienced in Android Development using **Android Studio (Java, and SQLite)**.
- Proficiency in **Microsoft Office** and **Google Workspace**.

Moreover, as a graduating student of TIP, which focuses on outcome-based education, I have acquired and can demonstrate the following student outcomes necessary for the practice of the computing profession:

- Demonstrate **strong leadership** skills by overseeing the planning, execution, and delivery of multiple projects.
- **Function effectively in a team**, providing leadership, creating a collaborative and inclusive environment, establishing goals, planning tasks, and meeting objectives by applying knowledge of engineering and management principles.
- Recognize the importance of and prepare for **lifelong learning**.
- **Adapt to any team environment** to ensure quality tasks and outputs.
- **Analyze complex** problems and identify and define the computing requirements appropriate for solutions.
- **Utilize modern techniques** and tools of computing practice in complex activities.
- **Understand professional, ethical, legal, security, and social issues and responsibilities** relevant to the computing profession.

DESIGN PROJECTS COMPLETED / RESEARCHES

PROJECT MANAGER, SYSTEM ANALYST

HawkAI: Automated Car Accident Monitoring and Alarm System using Real Time CCTV Footage and Deep Learning (2023)

This project has a device that automatically sends an alert signal to the authorities using LED, LCD Display, Buzzer, and SMS notification if a car accident is detected in the system. The system has a trained machine learning model that can detect if a car accident has occurred.

PROJECT MANAGER, SYSTEM ANALYST

Online Reservation System: Supremo Barber (2021)

This project is an Online Reservation System for Supremo Barbers - Sta. Cruz, which utilizes a database to aid in contact tracing with customer information and to benefit the owner's organization in terms of handling customers and adhering to government health regulations. The webpage displays all the information needed by customers, as well as various services that the shop has to offer.

PROJECT MANAGER, SYSTEM ANALYST

Student Borrower System for Physics Laboratory (2019)

The project has a database system with graphical user interface that allows the laboratory custodian monitor and process the information about the borrowed or returned item at the physics laboratory with greater accuracy and efficiency.

ACHIEVEMENTS

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| • Consistent Graduates with High Honors Scholar | <i>June 2019 – May 2023</i> |
| • President's Lister | <i>First Semester, S.Y. 2022-2023</i> |
| • President's Lister | <i>Second Semester, S.Y. 2021-2022</i> |
| • President's Lister | <i>First Semester, S.Y. 2021-2022</i> |
| • Dean's Lister | <i>First Semester, S.Y. 2020-2021</i> |
| • Graduated with High Honors (SHS) | <i>April 2019</i> |
| • With High Honors (Grade 12 1st and 2nd Semester) | <i>June 2018 - April 2019</i> |
| • With Honors (Grade 11 1st and 2nd Semester) | <i>June 2017 - April 2018</i> |
| • Gold Medalist Graduate (JHS) | <i>June 2016 - April 2017</i> |

SEMINARS AND TRAININGS ATTENDED

- Data Analysis with Python Certification
freeCodeCamp: Online Bootcamp
June 2023 - Present
- SQL Intermediate
Sololearn: Online Course
June 16, 2023
- Introduction to SQL
Sololearn: Online Course
June 12, 2023
- ISO/IEC 27001 Information Security Associate™
SkillFront
April 3, 2023
- The Complete 2023 Web Development Bootcamp
Udemy: Online Course
December 2022 (on-going)
- Full Stack Web Development with VueJS and Java Spring Boot
Technological Institute of the Philippines - Manila
June 29, 2022
- Responsive Web Design
freeCodeCamp: Online Bootcamp
August 26, 2022
- JavaScript
Sololearn: Online Course
March 30, 2022

- Responsive Web Design course
Sololearn: Online Course
December 21, 2021
- CSS course
Sololearn: Online Course
November 10, 2021
- HTML course
Sololearn: Online Course
July 11, 2021
- LearnX: Code to Azure
Microsoft Teams
May 20, 2021
- LearnX: Collaboration Using VS Code Live Share and GitHub
Microsoft Teams
May 20, 2021
- LearnX: Git and GitHub
Microsoft Teams
May 20, 2021
- Python Core course
Sololearn: Online Course
July 25, 2020

LEADERSHIP ACTIVITIES

- **Supreme Student Government (SSC-rDC)**
 - Grade 11 Level Representative, 2017 – 2018

EXTRA AND CO-CURRICULAR ENGAGEMENTS AND VOLUNTEER WORKS

- Computer Engineering Student Society
Member
December 10, 2022 – Present
- Society of Scholars
Member
September 14, 2019 – Present
- Scimath Circle
Member
June 16, 2017 - April 15, 2019

REFERENCE

- Ms. Chona P. Opeña
Faculty Member, CpE Department
Technological Institute of the Philippines - Manila
openacp.rdm@tip.edu.ph | 0939 753 6379
- Engr. Mon Arjay F. Malbog
Faculty Member, CpE Department
Technological Institute of the Philippines - Manila
mmalbog.cpe@tip.edu.ph | 0915 248 8467