

Michael Brandon Arocho

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EDUCATION

University of Delaware - Newark, DE

Bachelor of Arts (B.A.) - Computer Science

May 2024

SKILLS

Programming Languages: Python, R, Java, C++, C#, JavaScript, TypeScript, HTML, CSS

Additional Computer Skills: GitHub, Git, Unity, Blender, Microsoft Office Suite, Windows OS, MacOS, Linux (Ubuntu)

EXPERIENCE

University of Delaware

IT Troubleshooting Technician

September 2021 - PRESENT

- Manage and assist teams of 2-5 Site Assistants to ensure successful day-to-day operations
- Work on computer hardware and software issues both in the office and across campus
- Assist 20 students with walk-up computer issues alongside other Site Assistants
- Perform ticket management for severe hardware errors
- Communicate with professors and Teaching Assistants to facilitate exam intake and outtake

Research Assistant

February 2022 - PRESENT

- Engage with project manager to make a private client server through the Unity game engine using C#
- Create a small server using the Photon Unity Network (PUN) Engine
- Using GitHub for version control and sharing with project manager
- Sharing project progress and setbacks and with project manager during weekly stand-ups

HenHacks Hackathon

April 2023 - April 2023

- Collaborated with a team of 3 others to create a financial assistance website using HTML, CSS, and JavaScript
- Utilized GitHub for version control and sharing with team members
- Presented features of website to 10 firms and companies

LLNL Summer Intern

June 2021 - August 2021

- Coordinated with an partner to create a data-input program using R
- Created a framework for a user-friendly GUI for chemometric data analysis
- Implemented automated output of interactive figures in a GUI environment

CAMPUS ENGAGEMENT

Fencing Club

September 2019 - PRESENT

- Guide newcomers in the saber style of fencing during practice bouts

Casual Video Game Club (Officer)

September 2019 - February 2022

- Set up and deconstructed weekly video game activities in coordination with other officers

E52 Student Theater

September 2021 - December 2021

- Participated in a production of "Much Ado About Nothing"

LANGUAGES

English - Native

Japanese - Intermediate

Spanish - Basic