

Manue Alaimo

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EDUCATION

The George Washington University B.S. in Computer Science

Washington, DC
August 2020 – May 2024

Relevant Courses: Software Engineering I & II, Algorithms & Data Structures, Computer Architecture, Discrete Mathematics I & II, Foundations of Computing, Systems Programming, Databases & Team Projects, Algorithms, Operating Systems, VR/AR, Internet of Things & Cloud Computing, Machine Learning, Software & Handheld Design, Senior Design Capstone

WORK EXPERIENCE

Learning Assistant

August 2023 – May 2024

- Help students build Raspberry Pi projects and program in Python in Computer Science Orientation course
- Assist students in Java programming, learn fundamental algorithms in Data Structures & Algorithms course

Bank of America Global Technology Summer Analyst

June 2022 – August 2023

- Expanded React app to enable ATM features in financial centers using Oracle DB, SQL, Java, JS, Maven
- Developed SpringBoot app that analyzes trends in SWE's repositories with Python, Java, JS, SQL, Maven

Product Zone Specialist at Apple

September 2021 – May 2022

- Analyzed customer requirements and specifications to create full product solutions
- Maintained technical knowledge on Apple products and services to assist with customer troubleshooting

TECHNICAL SKILLS

Software: Git, Jira, Visual Studio Code, IntelliJ IDEs, Eclipse, Microsoft Office, Google Suite

Languages: Java, C, Python, SQL, JavaScript, HTML, CSS, JS

Operating Systems: Mac OS, Linux, Windows

TECHNICAL PROJECTS

Raytheon Drone Competition - UGV, May 2023

- Raspberry Pi autonomous ground vehicle, auto-corrects to path, interprets various environment feedback

Air Quality Monitoring System, May 2023

- Collected data and processed data onboard a Raspberry Pi using sensors, sent data to an SQL database hosted on a local server along with a Python-based web application
- Calculated air quality, displayed trends, and alerted registered users via SMS of unsafe levels

University System, May 2022

- Implemented Python web-app to support various user roles connected to an AWS SQL database, frontend developed with Bootstrap library, HTML, CSS and JavaScript

Xv6 Operating System, December 2022

- Developed Shared Memory feature among running processes in the xv6 OS system using C

ACTIVITIES

Justice Equity Diversity and Inclusion, March 2022 – May 2024

- Committee Member, collaborates with CS department to create more inclusive learning spaces by advocating for department

Club Ultimate Frisbee A Team Captain, August 2023 – May 2024

- Lead and organize competitive practice and tournaments, teach new players fundamental skill