ERIC RAMSEY

SOFTWARE ENGINEERING • DATA • MACHINE LEARNING

CONTACT

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SKILLS & TECHNOLOGY

Python	Visual Studio Code
Java	Jupyter
SQL	Pandas
JavaScript	Numpy
React	Scikit-Learn
Tailwind CSS	HTML
Git	TypeScript
Github	Vercel

EDUCATION

Computer Science - B.S.

Louisiana State University

2023 - 2024

Computer Science - A.S.

Finger Lakes Community College

2020 - 2022

CERTIFICATIONS

Software Development - University of Pennsylvania

Software & Web Development - Miles IT

SQL Database Design & Development - Miles IT

PROJECTS

CS Portfolio Website

React, Next.js, JavaScript, Tailwind CSS, HTML, Vercel, VS Code, Git, Github

Machine Learning - NBA Predictive Analytics

Python, JupyterLab, TypeScript, Pandas, Numpy, Web Scraping, Machine Learning, Data Structures, Algorithms, Object Oriented Programming, Git, Github

Machine Learning - NBA OKC Stat Predictions

Python, JupyterLab, Pandas, Scikit-Learn, Machine Learning, Data Structures, Algorithms.

WORK EXPERIENCE

Information Technology Engineer Co-op

BorgWarner Inc.   **Jan 2022 - June 2023**

- Responsible for database management and migration project of employee information to the new service the organization needed implemented. Utilized Python and SQL knowledged to efficiently contribute to the team and project's success.
- Provided technical support, hardware and software integration solutions to meet the requirements of the departments being supported.
- Utilized knowledge of Python, Command-Line, Data Structures, and Object Oriented Programming to provide efficient solutions for tasks such as transferring data to production machine upgrades.
- Remotely installed engineering software applications to client machines and communicated with required departments regarding the management and distribution of software licenses to authorized users.
- Completed the configuration of new hire user profiles, company devices, and allocated required access to necessary department directories using Azure and Active Directory.
- Assisted in SQL Server RU Scorecard management to ensure machines and devices operating on the organizations network were compliant with security protocols andrequirments.

Software Engineer Intern

Tech For Good Inc.   **June 2021 - Dec 2021**

- Main project for this internship was Mission UpLink. This primary goal of this project was to assist in providing internet access to underdeveloped areas in countries that would benefit from this service. My team was tasked with developing an interactive map display that would assist in identifying deployed devices for team and potential investor references.
- Required knowledge of Python, Pandas, GeoPy for the task of creating an interactive virtual map representing deployed Mission UpLink devices on a global scale. For implementing the application to the company's open source website, utilizing JavaScript, HTML, and CSS was used to accomplish tasks set by the team lead for testing and deployment versions.
- Experienced the development and engineering lifecycle of the project and application, from conception, architecture definition, detailed design, scoping, planning, implementation, and testing. Also the integration and deployment testing of the application to be featured on the Tech For Good open source website.
- Contributed to project development documentation, flowcharts, layouts, diagrams and clean, commented code. Utlizited Git and Github for remote repository contributions and approvals of team lead requirements.