Eric Ramsey

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EDUCATION

Bachelor of Computer Science   2023 – 2024
Louisiana State University

Associate of Computer Science   2020 – 2022
Finger Lakes Community College
Dean's List 2021⋄ Bill White Memorial Scholarship – Technological Studies

SKILLS

Technical Skills

Python, Java, JavaScript, TypeScript, HTML, CSS, React, Next.js, Node.js, Scikit-Learn, TensorFlow, Flask, NumPy, GeoPy, Pandas, Git, GitHub, VS Code, JupyterLab, Anaconda, Vercel, SQL

Professional Skills

Problem Solving, Critical Thinking, Communication, Collaboration, Flexible, Quick Learner, Creativity, Leadership, Constructive, Willingness To Learn, Time Management, Reliable

EXPERIENCE

Robotic Process Automation   Dec 2023 - Present
Engineer Intern

CFCU Community Credit Union

- Primary project during this internship was the enterprise application uChoose, secondary was the automated teller system. This application was initiated shortly after my start date with the goal of developing and engineering an automation software and platform for credit union member reward points based on an established points system.
- Responsible for strategizing, planning, documenting and developing automated solutions to increase the efficiency of business operation and user tasks.
- Required advanced efficiency in Object Oriented Programming (OOP), Python, PowerShell scripting, data analysis, UML Diagram for process representation, use case testing, attention to detail, troubleshooting, debugging, and the ability to communicate effectively with other department leads.
- Required the ability to meet strict deadlines, effectively migrate confidential data without loss or negative impact on user information, understanding of automation processes and software, and the ability to plan, develop, and execute projects throughout the development life cycle.

Information Technology Engineer Co-Op   Jan 2022 - Jun 2023

BorgWarner Inc.

- Responsible for database management and migration project of employee information to the new service the organization needed implemented. Utilized Python and SQL knowledge 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 and requirements.

Software Engineer Intern   Jun 2021 - Dec 2021 Tech

For Good Inc.

- 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. Utilized Git and GitHub for remote repository contributions and approvals of team lead requirements.

PROJECTS

- **CS Portfolio Website**
  React, Next.js, Tailwind CSS, HTML, Application Development, Maintenance, Troubleshooting, Debugging
- **Chatbot – Machine Learning**
  Python, Flask, TensorFlow, NumPy, Data Structures, Algorithms, Object-Oriented Programming
- **NBA Predictive Analytics – Machine Learning**
  Python, Pandas, NumPy, Scikit-Learn, Data Structures, Algorithms, Object-Oriented Programming