ISAAC SCOTT MCKINNEY

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Professional Summary

Experienced with utilizing various programming languages and development tools essential to software development, full-stack web development, software quality assurance, and software testing. Seeking entry-level or junior developer roles in Software engineering, web development, or software automation and testing.

Education

Bachelor of Science in Software Engineering GPA: 3.50
Rochester Institute of Technology - Rochester, NY

Work Experience

Software Developer Co-op
Mitsubishi Electric – Pittsburgh, PA

- Enhanced web applications with over 30 new or reworked features in three months.
- Ensured seamless integration between front-end and back-end for various web application features through effective communication with other developers, designers, and stakeholders.

Software Automation Engineer Co-op
REDCOM – Rochester, NY

- Improved testing efficiency by developing automated test scripts using Java, Jenkins, Katalon, and Selenium, assuring software quality.
- Developed Automated testing suites for various Java, SQL, and JavaScript applications.

Skills

- Front-end development: **React, Angular**
- Full-stack development
- Cloud Computing (AWS)
- Software automation: **Selenium**
- Software quality assurance
- Source and version control: Git, GitHub
- Back-end development: **SQL**
- Web/Mobile development
- Software testing
- APIs
- React, IOS, Android
- Programming languages: **Java, Python, C/C++, JavaScript/TypeScript, HTML, CSS**

Projects

- **MIDI Music Player:** Embedded programming project done in C. Coded an STM32 Nucleo board to play music off of an external speaker that was wired to it. All the while the user can control playback with various external buttons. An LED was used to indicate the state of the speaker
- **Nutri-Kit:** Web application that uses a SQL database, a Python REST API, and JavaScript/ReactJS to track a user's diet and dietary goals.