

CEDRIC NAGATA

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EDUCATION

University of Washington
Bachelor's, Computer Science

September 2020 - June 2024
GPA: 3.71

PROFESSIONAL EXPERIENCE

Tyler Technologies

Software Engineer

Remote

June 2023 - September 2023

- Developed a cloud-native web application for public safety database management, enhancing data accuracy and accessibility and achieving real-time processing of thousands of police stop data submissions per minute.
- Bolstered operational security and efficiency by engineering a secure, UUID-based document-sharing feature, enabling over 100 field officers to securely exchange form submissions.
- Cut setup times by 50% for Windows developers by setting up a Dockerized local environment, improving development workflows.
- Improved cross-browser compatibility and user experience by implementing jQuery, HTML, and JavaScript for dynamic user interface design.
- Facilitated secure data management and accessibility by utilizing MySQL for T-SQL scripting, ensuring seamless integration with various operating systems including macOS and Linux.

Tyler Technologies

Software Engineer

Remote

June 2022 - September 2022

- Facilitated efficient access to police records by developing a RESTful API for querying a relational database, streamlining data retrieval processes and improving workflow efficiency.
- Enhanced workflow efficiency and team collaboration on software development projects by championing version control best practices using Git.
- Improved code quality and reliability by automating software builds using Azure and creating unit tests, supporting continuous integration practices.
- Led comprehensive code reviews, daily stand-ups, and retrospectives through the full software development lifecycle by driving Agile development processes utilizing JIRA and Confluence.
- Streamlined CRM processes by developing customized web solutions with Salesforce, enhancing user experience and functionality.

PROJECTS & OUTSIDE EXPERIENCE

DERM DX (Python, Flutter, iOS, Android)

July 2024 - Present

- Developed a mobile app leveraging AI, machine learning, and a CNN model trained on 44,033 images to classify skin lesions.
- Created a RESTful API for seamless integration of model prediction into the application.
- Created an intuitive user interface for a Native mobile application, enhancing usability and accessibility for iOS and Android users through multimedia elements.

Flight Service App (Java, SQL)

January 2023 - March 2023

- Designed and coded a comprehensive flight service application with user registration, secure login, flight searches, and booking functionalities, ensuring transaction integrity through concurrency.
- Improved application stability and functionality by conducting thorough testing, troubleshooting, and bug fixing.
- Utilized T-SQL for relational database querying in a Java backend.
- Contributed to content development and user interface design by designing and implementing intuitive UI/UX components.

SKILLS

Skills: JavaScript, jQuery, HTML/CSS, HTML5, CSS3, Salesforce, Apex, Visual Force, SQL, T-SQL, MySQL, REST APIs, SOAP, AI, Machine Learning, Git, React.js, Microsoft Azure, AWS, Elasticsearch, Python, Java, C/C++, C#