Joseph Alfredo

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SKILLS

- Software Language   : Java, C#, C,C++, JavaScript, HTML, CSS, Rust
- Library & Framework : NodeJS, Jquery, React, Bootstrap, Unity
- Database   : Redis, SQL, MySQL, PostgreSQL, MongoDB
- Tools   : Jira, Git, Github, Postman, Bash Script

EDUCATION

- **B.S. Computer Engineering, California Polytechnic State University, 2015 - 2018 (Dean List)**
- **A.S. Computer Engineering, Green River Community College, 2013 - 2015 (Graduated with Honors)**

EMPLOYMENT HISTORY AND RELATED EXPERIENCE

Software Engineer Intern -> Associate Software Engineer, Okta Inc   Bellevue, *WA - 3/18/2018 to Now*

Connector Developer - Development of Connector for user provisioning and platform enhancement.

- Develop 3 user provisioning Connectors with proper OAuth2 authentication and CRUD operations, Slack, Google Directory, and Service Now.
- Designed best patterns and documentation for Connector software development.
- Improved performance both in speed and memory of connectors with streaming pagination and parallel processing patterns.
- Enhanced Connector metadata compiler in Rust to ensure safe handling of edge cases.

Software Developer Intern, Azuqua Inc   Seattle, *WA - 10/1/2018 to 03/15/2019*

Connector Developer - REST and SOAP API integration with an in-house cloud-based software

- Implemented javascript code to integrate with enterprise APIs, achieved secure authorization and increase in performance on large data payload.
- Worked with an in-house library to implement data manipulation and formatting for user experience.
- Used unit test into the connector development pipeline to ensure resilient codebase.

Research Assistant, Calpoly Undergraduate Research   *San Luis Obispo, CA - 02/01/2018 to 06/01/2018*

Box Model - Web Application - https://bentzkast.github.io/BoxModel/ (React Application)

- Achieved a dynamic visual presentation of a university-level statistic concept by implementing a single page web application with React and Bootstrap framework.
- Collaboration via GitHub and weekly meetings with Professor Dennis L. Sun.
- Designed UI to ensure maximum clarity and minimize user confusion by implementing animation for each step and drop-down interface with CSS and Javascript.
- Programmed the state management logic for the application with React framework which works seamlessly with Professor's custom-made histogram code.

PERSONAL & UNIVERSITY PROJECT

Theater Site, University Project   San Luis Obispo, CA- *2018/04 to 2018/06*

Theater Site - Ticketing server-side web application (Java Server Page)

- Used JDBC to connect to a PostgreSQL database with SQL transaction query for cart system and inventory validation.
- Served database data to the client-side application with password authentication and input validation.