

Joseph Alfredo

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Web - <https://Bentzkast.github.io>

<https://github.com/Bentzkast>

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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, Docker

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 -> Software Engineer, Okta Inc

Bellevue, WA - 3/18/2018 to Now

Connector -> Telemetry infrastructure - Integration platform metrics system and storage

- Developed 3 user provisioning Connectors with proper OAuth2 authentication and CRUD operations, Slack, Google Directory, and Service Now.
- Improved performance both in speed and memory of connectors with streaming pagination and parallel processing patterns, with clear documentation of the pattern used.
- Perform a code base migration from Node.js to Rust in order to boost performance and memory safety.
- Increase the durability of the rust codebase and version management of connector deployment

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 & Research Paper - <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 for research paper for app documentation <https://escholarship.org/uc/item/0h38g1n8>.
- Designed and implemented UI to ensure maximum clarity and minimize user confusion which is done by user-friendly animation for each step and drop-down interface with CSS and Javascript.
- Programmed the state management logic for the application with the 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.