Julian Alberto

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EDUCATION

University of California, San Diego   La Jolla, CA
Bachelor of Science in Computer Science, Major GPA: 3.68   *Sep. 2017 – March 2021*

RELEVANT EXPERIENCE

E. & J. Gallo Winery   June 2020 – Sep. 2020
Programmer Analyst Intern   *Modesto, CA*

- Developed a Node.js application that automates connecting to a HashiCorp Vault (secrets management system) instance by utilizing its REST API to inject secrets into software builds on Jenkins (a CI/CD tool)
- Wrote SQL queries for a data analysis team to pull data from Oracle and Microsoft SQL Server databases into one of their main systems.
- Wrote a bash shell script on servers hosting StreamSets instances (a data processing platform) to rotate authentication credentials for HashiCorp Vault connectivity purposes every 32 days
- Wrote python scripts for automated promotion and validation of StreamSets jobs (data pipelines) from a development environment all the way up to production

PROJECTS

Phantime | *HTML, CSS, JavaScript, Firebase*   March 2020 – June 2020

- Led a small software engineering team consitings of fourteen individuals and four sub-groups: Research and Design, DevOps, Developers, and Testers
- Developed a Google Chrome extension that visualizes your web activity data and ranks your productivity levels against members on your team

My Stacks | *React.js, Redux, JavaScript, Styled-Components, Material-UI, Firebase*   June 2020 – Sep. 2020

- Helped design and develop a web application using the React framework that enables users to accomplish work via an embedded pomodoro playlist system
- Mainly worked on the user signup/login frontend implementation and the frontend + backend components for all user interactivity involved with tasks within a stack

OTHER EXPERIENCE

Assistant Machine Operator   July 2018 – Sep. 2018, June 2019 – Sep. 2019
Georgia-Pacific   *Modesto, CA*

- Assisted a variety of machinery for the manufacturing of boxes.

General Labor   June 2017 – Sep. 2017
Bell-Carter Packaging   *Modesto, CA*

- Packaged organic products into boxes and did physical tasks involved with preparing them for shipment

TECHNICAL SKILLS

Languages: Java, Python, C, C++, SQL (Oracle and Microsoft SQL server), JavaScript, HTML/CSS, Groovy
Frameworks: React, Redux, Node.js, JUnit, Styled-Components, Material-UI
Libraries: axios, pandas, NumPy, Matplotlib
APIs: HashiCorp Vault REST API, StreamSets SDK, Firebase REST API
Developer Tools: Git, GitHub, GitLab, Jenkins, HashiCorp Vault, VS Code, IntelliJ, vim (;

SOFT SKILLS

Languages: English and Spanish (bilingual and biliterate)
Leadership: Managing small groups of individuals, and coordinating and distributing work