

JARED SPICKARD

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Education

UNIVERSITY OF CALIFORNIA, BERKELEY – B.S. in Electrical Engineering and Computer Science | Graduating December 2020

- Cumulative GPA: 3.55
- Relevant Coursework: Structure and Interpretation of Computer Programs, Data Structures, Great Ideas in Computer Architecture (Machine Structures), Discrete Mathematics and Probability Theory, Efficient Algorithms and Intractable Problems, Designing Information Devices and Systems (I and II), Introduction to Artificial Intelligence, Optimization Models in Engineering, Computer Security, Introduction to Machine Learning, Databases* (currently enrolled)
- Former Risk Manager and Chapter President of Phi Kappa Psi

Skills

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|---|--------------------------|-----------------------|
| – Programming (Python, Go, Java, C, SQL, Flask, HTML/CSS, JavaScript) | – Object Oriented Design | – Computer Security |
| – Source Control (git) | – Algorithms | – Debugging |
| | – Data Structures | – AI/Machine Learning |

Work Experience

SOFTWARE ENGINEER – Balbix | San Jose, CA | January 2021 – Present

- In January 2021, I will begin working as a Software Engineer for Balbix on their Data Engineering team.

SOFTWARE ENGINEERING INTERN – Adibi IP Group, PC | Remote | May 2020 – August 2020

- Developed the full stack for an application to manage the firm's Docketing System, Client Management, and Task Management using Google Apps Script and the Purpose UI.
- Worked directly with the partners of the firm to automate processes such as document generation, employee time tracking, and client invoicing within the application, as well as Client, Task, and Matter Management.

PRE-SALES CLOUD CONSULTANT – Edge Solutions and Consulting, Inc. | Remote | July 2019 – August 2020

- Attained certifications from Google, Microsoft, Citrix, and NetApp in order for Edge to remain compliant with their partnership requirements for these companies.
- Served as an internal consultant for questions regarding the aforementioned companies as well as their certifications.

APPLICATION DEVELOPMENT INTERN – Princess Cruises | Santa Clarita, CA | June 2019 – August 2019

- Developed and deployed a fleet-wide application using Oracle APEX that allows crew members to comprehensively manage their Shore Excursion device inventory.
- Collaborated with the marketing department to design the HTML/CSS for promotional emails and ensure their compliance.
- Updated the functionality of a bundling application to include an automated process for sending promotional emails.
- Utilized the TensorFlow library to create a program to predict excursion purchasing patterns with nearly 90% accuracy.

TECHNICAL SALES INTERN – Edge Solutions and Consulting, Inc. | Westlake Village, CA | May 2018 – August 2018

- Developed a program in python to allow employees to easily update and reorganize their database of vendors and services.
- Assisted in the creation of the company's new website related to its design and content.
- Researched and reported on over 300 leads for the company to pursue business with utilizing LinkedIn Sales Navigator.

Projects

SUPPORT OUR INTERNATIONAL STUDENTS

Google Apps Script (JavaScript) – July 2020

A website providing various resources to international students, primarily connecting them with domestic students enrolled in in-person classes to create opportunities for them to remain in the US in the fall. [\[Link\]](#)

CONNECT4AI

Flask (Python) – August 2020

A full stack web app allowing users to play Connect 4 against either another user or an agent that uses the minimax algorithm with alpha beta pruning to challenge users. [\[Link\]](#)

COVID 19 Testing Tracker

Flask (Python) – In Development

A service that tracks COVID 19 surveillance testing within an organization and provides automated email reminders/updates; relies on a Postgres database to store testing data.