



Jackson Wheeler

Software Engineer

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 <https://jacksonjw.com>

 Sunnyvale, CA

Education

Computer Science (B.S.)
Santa Clara University
Graduated: December 2019
GPA: 3.66

Computer Science & Engineering (M.S.)
Santa Clara University
Graduated: December 2020
GPA: 3.73

Skills

Full Stack Web Development

- Back-End and Front-End experience

Database Management and Migrations

Deployment (AWS, Apache)

Micro-controller Programming

- ESP32, Arduino

Languages & Frameworks

JavaScript, Node, TypeScript

- React
- Express, SocketIO

Python

- Flask
- Django, Jinja2

Java

Postgres

Docker

AWS deployment and hosting

WebGL and HTML5 Canvas

About Me

I'm a full stack engineer with a lot of interest in building products that people love. I'm looking for a full-time position where I can learn from the industry's best software engineers and product leaders. I'm currently working as a DSE @ C3 AI, developing feature enhancements for customer applications, and assisting our customer developers in configuring and using the C3 platform.

Experience

C3.AI, Developer Support Engineer

November 2020 - Current

- Full-stack development for Enterprise AI customer applications on the C3 AI Suite
- Production application issue investigation and fixes for outages
- Customer consultation for new features and bug fixes
- Build-master for various enterprise customer repositories
- Regression test development and execution, including PSR, Unit/API tests and UI/UX testing

uBridge, Developer

January 2018 - November 2019

- Served as a lead developer at uBridge, a college startup focused on helping connecting college students with complementary skills in order to accomplish projects.
- Collaborated with a team of three to conceptualize, design, and develop a social media platform from the ground up.
- The most rewarding feature to implement was using WebSockets along with a Redis cache to build an instant messaging system. The system was deployed on AWS using EC2, S3, RDS, and Route 53, and used Django for its backend framework.

DoubleCrown, Engineering Intern

February - September 2018

- I worked closely with a small, talented team to develop an innovative social gaming application. I developed several end-to-end features for both end users and internal administrators.
- This internship involved programming in ReactJS and React Native, as well as managing a local Postgres server and writing DB migrations for production.
- I developed an administrative interface in React JS so that DoubleCrown employees could customize content shown in the app.

SCU Math & CS Dept. Research Intern

June - September 2017

- I worked under the guidance of a professor to create an application to visualize graphs drawing upon the latest research in the field of graph visualization.
- This program utilized a debugging tool to visualize types of C/C++ graphs and trees in the browser using HTML5 Canvas. This was accomplished using the LLDB debugger's Python API.

Itron Inc. Engineering Intern

June - August 2016

- I worked as an intern for the Itron Riva team and gained experience working with IOT devices. I created demo programs and configured hardware for the Riva Edge Board for use at trade shows. This involved mostly work configuring and managing networks of Linux based IOT devices.

 <https://www.linkedin.com/in/jacksonjwheeler>

 <https://github.com/jacksonjw12>