Chart, scatter chart

Description automatically generated­ 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 Developmen**t

* 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