

## EMPLOYMENT

### MICROSOFT

#### Software Development Engineer

July 2019 to Current

- Leading the frontend design/architecture of a V0 product, also contributing to backend/infrastructure by writing serverless functions (business logic) and improving CI/CD pipelines
- Lead the design and delivered the mobile experience focusing on performance and internationalization with decisions driven from customers and telemetry
- Lead the effort for enabling dark mode by contributing to the design system

### NASA JET PROPULSION LABORATORY

#### Software Engineer

Mar. 2019 to July 2019

- Designed and implemented a design system for cross-mission use using Web Components to allow interoperability across frameworks
- Developed an IDE for spacecraft commands that allows for CRUD of files, semantic validation, and real-time collaboration
- Created a compiler-as-a-service for spacecraft commands, being used on current missions and will be on future missions

### UNIVERSITY OF CALIFORNIA, RIVERSIDE

#### Web Developer

Mar. 2016 to Mar. 2019

- Developed a CMS/Frontend that is now used for the University's web presence focusing on accessibility, localization, and low performing devices
- Conducted user research, designed mockups, and implemented designs for web sites for research labs, faculty, and ad-hoc events
- Lead the full stack development of an AI-powered web application now used at over 6 museums

### AT&T

#### Data Scientist Intern

June 2018 to Sept. 2018

- Created models for reducing customer churn by 4%, reducing costs of closed-captioning service by 37%, and improving user click through by 26%
- Extracted, cleaned, and feature engineered data for team use, contributed ETL flow to internal data repository
- Created static and dynamic visualizations/dashboards to support business decisions by program managers and senior leadership
- Created a web application to help support call operators reduce their time-to-resolution by 74%

### THE AEROSPACE CORPORATION

#### Software Engineer Intern

June 2017 to Feb. 2018

### NASA JET PROPULSION LABORATORY

#### Data Scientist Intern

June 2016 to Sept. 2016

### NASA JET PROPULSION LABORATORY

#### Software Engineer Intern

Sept. 2016 to Dec. 2016

### AMAZON

#### User Experience Design Intern

July 2015 to Sept. 2015

## SKILLS

**PROGRAMMING LANGUAGES:** Typescript, Javascript, Python, C#, C++, HTML, CSS/Sass

**TECHNOLOGIES/Frameworks:** Git, React, Redux, Gatsby.js, Node, GraphQL, MySQL/PostgreSQL, MongoDB, Docker, AWS/Azure, D3, .NET, Jest/Enzyme, Selenium, Progressive Web Apps, Add Skill

**SOFTWARE:** Blender/Fusion 360, Photoshop/Sketch/Figma, After Effects/Premiere, Tableau/PowerBI