Ari Porad

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EDUCATION

Olin College of Engineering — *May 2024*

BACHELOR OF SCIENCE IN ENGINEERING: COMPUTING

Recipient of a 50% merit scholarship.
Relevant Coursework: Fundamentals of Artificial Intelligence, Modeling and Simulation of the Physical World, Quantitative Engineering Analysis

Seattle Academy of Arts & Sciences — *2020*

UNWEIGHTED GPA 3.98

Relevant Electives: Operating Systems (Independent Study), Software Development, Computational Thinking: Dealing With Data

SKILLS   Full Stack JavaScript   React   Node.js   TypeScript   Swift   Python   MATLAB   Git   Unit Testing

EXPERIENCE

Microsoft — *Summer 2018 & 2019*

PLATFORM SOFTWARE ENGINEERING INTERN — SUMMER 2019

- Designed, built, tested, and documented core parts of a next-generation platform in TypeScript
- Platform powers a Microsoft productivity application with hundreds of thousands of users
- Worked with stakeholders to define specifications and designs that aligned with long-term goals

WEB APPLICATION TESTING INTERN — SUMMER 2018

- Developed UI- and unit-testing infrastructure for the Whiteboard web app in .NET, C#, and JavaScript
- Worked with other developers to integrate with existing application and infrastructure

Olin Rocketry Team — *Fall 2020 - Present*

DESIGNED & BUILT ROCKET FOR IREC 10,000FT COMPETITION

- Responsible for budgeting subsystem power use
- Designed and tested radio communication system

Pro.com — *Summer 2017*

MOBILE DEVELOPMENT INTERN

- Pro.com is an online general contractor focused on improving the home renovation experience
- Built geolocation features in a Swift-based iOS app
- Features improved the accuracy of customer billing

First Round Capital — *April - August 2020*

AUTOMATION INTERN

- First Round makes venture capital investments in companies that have never raised money before
- Worked to evaluate opportunities for automation
- Developed automations using JavaScript and Tray.io

FIRST Robotics Competition — *2016-2020*

TEAM CAPTAIN, PROGRAMMING LEAD

- Developed control algorithms to correct for mechanical variances and to assist drivers
- Emphasis on team leadership, management, resolving conflict, planning, and prioritization
- Attended State & World Championships
- *FIRST* Dean's List Semifinalist, Won Programming ("Control") Award

Castbridge — *2017 - Present*

MAC APP WRITTEN IN JAVASCRIPT AND ELECTRON

- Castbridge connects incompatible home audio streaming ecosystems. It enables sending audio from Mac or iOS to Chromecasts via AirPlay
- Independently designed, developed, released, and marketed
- Hundreds of paying users in dozens of countries

Healthy School Buildings — *2018 - 2019*

FREELANCE REACT NATIVE JAVASCRIPT DEVELOPER

- Worked on a React Native Android app to allow teachers to report unsafe conditions in schools
- Collaborated with other engineers to maintain backwards compatibility

Rover.com — *Fall 2017*

FREELANCE PYTHON DEVELOPER

- Rover.com is an online marketplace for pet sitters
- Worked with stakeholders to specify, build, test, and deploy an Amazon Alexa Skill in Python
- Worked with the operations team to integrate with existing infrastructure