

# Ari Porad

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## Skills

**Swift (<1 Year)** Swift, including UIKit and Cocoa Touch

**Java/Kotlin (3 Years)** Android Java and Kotlin

**Python (3 Years)** Python 3, Standard Library, Flask, Jupyter, Numpy

**Javascript (8 Years)** Node.js, React/React Native, Redux, Electron, Functional Programming, and ES2017+

**HTML/CSS (9 Years)** HTML5 and CSS3

## Published Software

**Castbridge** macOS App (Javascript/Electron) *Castbridge.io*

Castbridge enables broadcasting audio to Chromecast devices via AirPlay on Mac and iOS.

**Kinoki** iOS app (Objective-C) 2013 - 2016

Free to play math game, published to the App Store in 2013 and retired in 2016.

## Programming Experience

**Lead Programmer and Team Lead**, Varsity Robotics, Seattle Academy/Redshift Robotics 8/16 - 2/19

Implemented robot control algorithms for controlling motors, sensors, and cameras. Emphasis on algorithms to correct for mechanical errors and variances, and on team leadership. Competed in the *First Tech Challenge*, ranking 12th in Washington State. *FIRST* Dean's List Semi-Finalist Award Recipient. School credit.

**Developer**, Healthy School Buildings 11/18 - Present

Developed a React Native Android app, working with stakeholders to fulfil project requirements and other developers to maintain compatibility with existing systems.

**Intern**, Microsoft (Intentional) Summer 2018

Developed UI- and unit-testing infrastructure for a .NET/C#/Javascript web app, working with other developers to integrate with existing application and infrastructure. Paid internship.

**Mobile Development Intern**, Pro.com Summer 2017

Developed, tested, and shipped geolocation-based features in Swift to more accurately charge customers. Paid internship.

**Maintainer**, ShellJS 1/16 - 8/16

Developed features, fixed bugs, wrote documentation, and accepted feedback from the community on an open-source Node.js package with 5 million monthly downloads and 4,000 stars on GitHub. Volunteer.

**Programming Instructor** 3/16 - Present

Multiple engagements teaching programming classes to kids ages 7-16. Subjects included Lego NXT, Scratch, Java, Arduino C, HTML, CSS, and Javascript. Paid and volunteer.

## Education

**Seattle Academy of Arts and Sciences** 11th Grade, 4.01 GPA