

# STUART HORNER

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**Objective** - Seeking internship in the field of Computer Science.

## Skills / Strengths

- Hard-working, detailed-oriented with the ability to grasp complex material quickly.
- Strong analytical and organizational skills, solid leadership and communication skills, self-starter, entrepreneurial spirit.
- Java, C, C++, JavaScript, Android, Google Play Services, Firebase
- Bash, VIM, Android Studios, Git, Valgrind, JIRA, Windows (XP, Vista, 7, 8.1), Linux/Unix, CircleCI
- HTML, CSS, XML, Photoshop, Illustrator
- Agile Software Process, BDD, Basic OOD, Design Patterns, Mobile Software Development

## Education

- University of California, San Diego
- B.S. in Computer Science expected June 2018
- Minor in Psychology
- Relevant Courses: Software Engineering, Design and Analysis of Algorithms, Computer Organization and Systems Programming

## Experience

### Android Development

- Buck It  
Independently developed and published Buck It, an Android application involving bitmap processing, a custom messaging and notification service, location services, a social network graph, database storage, and Material UI design. Users create a bucket list, interact with users in their vicinity, and post text and pictures.
- Artery  
Independently developed and published Artery, an Android application involving bitmap processing, database storage of both pictures and images, a custom messaging service, location services, realtime user interaction, and Material UI design. Users draw pictures in a custom drawing interface and interact with other user's drawings filtered by location, sex, and age.
- CoupleTones  
A class project with a team of six utilizing Agile software development, Git, JIRA, and CircleCI. Worked with a team to develop an Android application involving location services, cloud messaging, and realtime user interaction. Users could add a partner and receive custom notifications when their partner arrived at specified locations.

### Web Development

Designed, developed, and published <http://arteryapp.com>, an interactive landing page for the app Artery, using JavaScript, jQuery, HTML5, and CSS.

### Mobile Game App

Developed a Windows Phone game, Snic Tac Toe, in C# to gain experience in mobile app development. It combined grid and turn based gameplay.

### Local Politicians Web Development

Designed, developed, and implemented websites for a local city council candidate and a school board candidate. Both candidates won in very close races and credited the sites for their reliability and for making the difference by increasing voter reach.