

## EDUCATION

Arizona State University , Barrett Honors

Major: Computer Science

Expected Graduation: **May 2018**

GPA: **4.0**

## PROGRAMMING

Java

Python

C/C++

JavaScript

HTML

MySQL

PHP

Scheme

CSS

Swift

GitHub

MongoDB

Prolog

Bitbucket

## EXPERIENCE

**REU for EmitLab, Arizona State, Supervisor: Dr. Seluck Candan (Ongoing)**

August 2015 – Present

- Developing a visualization graph tool with Google Maps API to enhance an epidemic simulator
- Using HTML, CSS, and JavaScript to create an embedded interactive mapping tool
- Integrating Bootstrap into the current website framework to enhance the user experience

**Recruitment Assistant, Ira A. Fulton Schools of Engineering (Ongoing)**

August 2015 – Present

- Support recruitment efforts through Salesforce by reaching out to prospective students

**Tutor, Kumon Math and Reading Program**

August 2008 – 2014

- Aided students with fundamental math and reading concepts

## PROJECTS

**CodePath University, Student Leader**

Fall 2015 – Present

- Coordinating a free iOS development class of 20 students in concert with CodePath
- Projects include: Instagram Client, Yelp Client, Twitter Client (Use OAuth flow)

**Concert Feed, Demoed at Hack Arizona**

Spring 2016

- Designed a web application that queries a user's Spotify playlist to display related nearby concerts
- Built with node.js, Spotify API, BandsInTown API, currently hosted live on heroku

**Study Abroad: Visualization and Simulation in Japan**

Summer 2015

- Created 3D pedestrian traffic simulator using Unity Game Engine
- Observed implementation and testing of simulation programs in a corporate setting
- Simulated crowd congestion in Japan and moved the crowd with JavaScript functions

**SPARK App League Contest**

Fall 2013

*Participant and Award Recipient*

- Created an Android Fire Rescue app featuring a gallery, safety quiz, and fire station locator
- Received 2nd place in overall competition and received STEM award from Intel

## ORGANIZATIONS

- Society of Women Engineers (SWE)
- Women in Computer Science (WCS)
- IEEE-HKN (Eta Kappa Nu Honors Society)
- Phi Sigma Rho Alpha Class Member
- Fulton Ambassadors
- Promote computer science program to upcoming students with presentations and tours

## CONFERENCES/HACKATHONS

- HACK Arizona Spring 2016
- Grace Hopper Conference Fall 2014/2015
  - Participated in Open Source Day With OpenHatch
- WCS Programming Contest Spring 2015
- SPARK App League Contest Fall 2013

## AWARDS

ASU Dean's List

Fall 2014 – Present

New American Scholar, Presidential Scholar Recipient

Fall 2014 – Present