8540 E McDowell Rd, #62
Mesa, AZ 85207

TREVOR OTTO FORREY

(480) 216-7461
trevor4e@gmail.com

EMPLOYMENT

Software Engineer, Intern	**The Boeing Company**	**Summer 2016 – Fall 2017**

Apache Helicopter Program
- Created, debugged, and maintained mission critical test scripts to support updates to the Apache program.
- Worked collaboratively on an agile team to provide efficient code development.
- Successfully tested multiple complex partitions of the Apache program.

Coding Tutor	**Code HS**	**Spring 2016 – Summer 2016**

- Mentored and helped students with questions involving various computer science topics.
- Provided quality feedback when grading hundreds of CodeHS student's programming exercises.

Community Mentor	**University Housing**	**Fall 2015 – Spring 2016**

- Created a safe and community oriented living environment for incoming engineering freshmen.
- Supported residents through academic and emotional problems.
- Planned large community events to successfully bring residents together and form meaningful relationships.

EDUCATION

Mesa, AZ	**Arizona State University**	**Spring 2014 – May 2019**

- B.S. in Software Engineering, May 2018. GPA: 3.9/4.0
- M.S. in Software Engineering, May 2019. GPA: NA/4.0
- Coursework: Web Apps and Mobile Systems; Databases; Distributed Systems; Advanced Data Structures and Algorithms; OO Software Dev; Micro Comp. Architecture; Embedded C Programming; Fashion Technology

TECHNICAL EXPERIENCE

Projects
- **Subway Shibori** (2017). Wearable tech project that animates LEDs based on user's current speed, along with customization options via a web bluetooth app. Javascript, C
- **Web Bluetooth App** (2017). Web app that allows control and programming of a bluetooth robot. Javascript
- **Concurrent Crawler** (2017). Concurrent web crawling server that returns images while crawling. Golang
- **Multithreaded Proxy** (2017). Local proxy server that uses an LRU cache to store most recent requests. Java
- **Golf Database Project** (2017). Command line interface that allows the user to perform various SQL queries on a database of golf players. Java
- **Organic Robotic Head** (2017). Interactive art piece with a motorized head and field of LEDs that react to the capacitive touch of the user. C

INVOLVEMENT

Polytechnic Computer Science Club	**Fall 2015 – Present**

- Led interview practice sessions.
- Gave a talk about concurrency patterns in Go.
- Contributed to weekly newsletter to inform club members of local and national hackathons.

Languages and Technologies
- Java; Javascript; Go; C; NodeJS; Python; PLP
- Git; Web Bluetooth; VueJS; REST; Web Services; Agile