2900 Hawks Swoop Trail
Pflugerville, TX 78660

MEGAN L. COOPER

(512)-925-6439
megan.cooper13@utexas.edu

EMPLOYMENT

Peer Advisor　　　　　　　　　　**UT ECE Advising Office**　　　　　　**Summer 2016 - Present**

- Uses familiarity with the ECE degree program to help students plan and organize graduation plans and courses
- Approaches tough course decisions and issues with critical thinking and problem solving skills to resolve credit issues amongst students

Seasonal Textbook Employee　　　　**University CO-OP**　　　　　　**Winter Break 2016**

- Processed web orders with attention to detail in a fast-paced environment
- Organized textbooks, and resolved customer service issues all while managing my time

IT Intern　　　　　**Williamson County and Cities Health Dist.**　　　　　**Summer 2013**

- Assisted in Computer Maintenance and Setup; Answered distress calls from workers who had computer issues
- Aided in preparing a Skype Conference room infrastructure; Edited videos for a safety campaign

EDUCATION

Austin, TX　　　　　　　**University of Texas at Austin**　　　　　**Fall 2015 – May 2019**

- B.S. in Electrical and Computer Engineering with Focus in Software Engineering and Computer Architecture, May 2019.
- Coursework Currently Taking: Software Design and Implementation II (Java), Linear Algebra, Linear Systems and Signals, Engineering Communications, Vector Calculus
- Completed Undergraduate Coursework: Software Implementation I (C, C++), Embedded Systems (C, Assembly), Introduction to Computing, Circuit Theory, Differential Equations

TECHNICAL EXPERIENCE

Projects

- **Mechanical Claw Game** (Spring 2016 - Present). Claw game that allows user to pick up candy within a certain time frame. Hardware: Stepper motors, TI Launchpad Microcontroller; Software: C
- **Agar.Io Simulator** (Spring 2016). For EE 319k final project designed a two player version of the online game Agar.io with randomly generated food, DAC (for sound), and user scores. Hardware: TI Microcontroller, Potentiometers, 4-bit DAC, switches; Software: C, Assembly
- **Built Computer** (2012). Built a desktop computer in High School over the course of a few months

ADDITIONAL EXPERIENCE AND EXTRACURRICULAR ACTIVITIES

- **Qualcomm DECA 2017:** Invited by Qualcomm to attend a convention at their San Diego HQ with 59 other engineering students, participating in company TED Talks, learning about how the latest innovations in the tech industry, creating connections with mentors, and participating in a Hackathon with a focus on IOT, Healthcare, and Robotics.
- **UT ECE Advisory Board:** Works with UT ECE Chairman to provide insight into ECE student concerns, as well as hosts and coordinates social events.
- **Robotics and Automation Society:** Member of the Demobots team, which specializes in fixing old robots for robotics events and outreach in local schools.

Languages and Technical Skills

- C++; C; Java; Objective-C; Assembly, OOP
- Source Code and Projects: www.github.com/megancooper

- Visual Studio, Eclipse, Microsoft Excel, Basic Linux Command-Line, Basic Git