Sam Smith

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Seeking an internship in the Summer of 2020 in software engineering or cyber security.

Education

Texas A&M University — **College Station, TX**
Bachelor of Science in Computer Science — *Expected 2021*
Minor in Mathematics

Technical Skills

Programming Languages
Intermediate: C++, Java, MATLAB
Basic understanding: Python, HTML5/CSS, Javascript, R
Operating Systems
Android, Linux, OS X

Experience

Texas A&M College of Engineering — **College Station, TX**
Teaching Assistant for Engineering Computation class — *August 2018 – present*

- Grade assignments and give feedback to students
- Hold office hours weekly and tutor students
- Attend lectures twice a week and assist students with assignments

Texas A&M University — **College Station, TX**
Program Design Concepts – Mountain Path Project — *Fall 2018*

- Developed a C++ parser that analyzes a set of elevation values
- Generated a visual map of the elevation values
- Created algorithm that finds the greedy shortest path and overlays it on the map

Texas A&M University — **College Station, TX**
Introduction to Engineering – Lead Software Developer — *Spring 2018*

- Worked with teammates to design and create a marble sorting robot
- Developed software in MATLAB that gathered light and color data from sensors
- Used data to control servo motors to sort marbles by color and size

Edward S. Marcus High school — **Flower Mound, TX**
AP Computer Science – Final Project — *Spring 2017*

- Built a reactive LED backlight for a computer monitor using an Arduino micro-controller
- Designed and implemented software that captured screen data
- Wrote a script in Processing that interacted with the Arduino and controlled LEDs

Activities and Leadership

Eagle Scout, Boy Scouts of America — *2010 – 2017*
Texas A&M Computing Society — *2018*
TAMUHack Hackathon - Building Identifier App for Android — *2018*