Andrew Hickman

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Personal Statement

My interests in hardware, programming, and network design led me on the path to being an Electronic Systems Engineering major. Through ESET, I was introduced to programming and have since strived to further my knowledge on the subject so that I can be a valued Software Engineering for my Senior Capstone Design team.

Education

**Texas A&M University** ▪ College Station, TX (Expected Graduation: December 2018) ▪

Bachelors of Science in ESET / Minor in Mathematics ▪ Cumulative GPA: 3.1

**Collin College** ▪ Plano, TX (Fall 2012-Spring 2015) Associates of Science ▪

Cumulative GPA: 3.5

Activities & Interests

**Programming:** Independently created various projects such as:

- Random quote generator using imgur’s API

- Personal portfolio page

- CRC calculator in assembly code

- Actively learning to create video games in Unreal with C++

**Robotics:** Built and programmed an autonomous robot designed to follow a wire fed with AC current. The robot had two race modes depending on the type of track.

**IEEE Member:** IEEE membership geared toward furthering technical knowledge.

Skills

**Proficient in Programming:** Python ▪ C ▪ C++ ▪ Assembly Language ▪ Java ▪ JS ▪ CSS ▪ HTML

**Electronics:** PCB Design ▪ Mixed Analog/Digital Designs ▪ Embedded Platforms ▪ State Machines ▪ Oscilloscope Testing

**Network Design:** LAN config.(Cisco, Juniper) ▪ Wireshark ▪ Network Security

Work Experience

**Internet2 Technology Evaluation Center** (April 2017 - Present) ▪ Network Technician

- Meeting with several Network Engineers in the area to map their fiber routes in ArcMap

- Assisting in the execution of latest-technology network projects

- Testing and troubleshooting network implementation errors

- Performing maintenance/upgrading current network systems