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 working at the Texas A&M Internet2 Technology Evaluation Center, I’ve learned the values in being able to independently troubleshoot problems and find solutions.

Education

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

Bachelors of Science in ESET / Minor in Mathematics ▪ Cumulative GPA: 3.0

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

Cumulative GPA: 3.5

Activities & Interests

**Programming:** Independently created various projects such as a random quote generator using imgur’s API, a personal portfolio page, a CRC calculator using assembly code, a local network data usage log in python, and 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 modes depending on the type of track.

**Aggie Coding Club Member:** A&M Computer Science club devoted to programming and working with groups to code real-world projects.

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

Skills

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

**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

- Assisting in the execution of latest-technology network projects

- Accomplished necessary tasks such as setting up IPsec tunnels and virtual machines

- Testing and troubleshooting network implementation errors

- Performing maintenance/upgrading current network systems