Andrew Hickman

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**Summary**

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 strived to further my knowledge on the subject so that I can be a valued Software Engineering and Project Manager 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: 3.0

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

Cumulative GPA: 3.5

**Activities & Interests**

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

- Random quote generator using imgur’s API

- Personal portfolio page

- CRC calculator in assembly code

**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.

**Skills**

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

**Electronics:** PCB Design ▪ Mixed Analog/Digital Designs ▪ Embedded Platforms

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

**Professional 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

**Skyline RV Park Construction** (June 2017 – August 2017) ▪ *Construction Manager*

- Overseeing the project by maintaining time constraints

- Supervising the field crew and delegating tasks

- Interpreting blueprints and troubleshooting potential problems