Matthew Petry

Computer Engineering Student — Programmer

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Skills

Platforms
- Windows
- Linux (Debian and Arch based)
- OpenBSD
- Android
- Arduino

Programming Languages
- C/C++
- Python
- bash shell (Unix/Linux)
- Batch script (Windows)
- HTML5
- CSS

Education

University of Alabama
August 2017 - Present
Tuscaloosa, AL
- Pursuing B.Sc. in Computer Engineering.
- Expected Graduation May 2021.

Jackson High School
August 2013 - May 2017
Jackson, AL
- Honors Diploma with IT Technical Endorsement.
- Top 10 Student within graduating class.

Experience

Alabama Astrobotics, *University of Alabama*
Electrical Subsystem Lead: August 2019 - Present
- Responsible for overseeing development and assembly of next generation robotic platform.
- Managing team resources to meet milestones and deadlines.

Electrical Subsystem Member: September 2017 - Present
- Designing and assembling electrical components of autonomous robotic systems.
- Providing training to team members on needed skills such as electrical soldering.

PINE64, *online at https://pine64.org*
Computer System Administrator and Web Developer: October 2018 - Present
- Maintain online infrastructure for leading embedded computing company.
- Develop reliable customer-facing ordering systems to handle high-demand product launches.
- Manage multi-platform communications network for developers and users.

Interests

- Programming
- Robotics
- Web Design
- Embedded Systems Design
- Software Security
- Network Security