

# Matthew Petry

Computer Engineering Student — Programmer — UI/UX Artist

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## Skills

### Platforms

- Windows
- Linux (Debian-based)
- OpenBSD
- Android
- Arduino

### Programming Languages

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

### Computer software

- Notepad++
- Arduino IDE
- LaTeX
- LibreOffice
- GNU Nano
- Nginx
- Git
- Buildroot
- GIMP 2.x
- Hitfilm 3/4
- LMMS
- Audacity

## 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.
- Took AP Calculus AB and Computer Science Principles classes.

## Experience

### Alabama Astrobotics

*September 2017 - Present*

*University of Alabama*

- Designing and assembling electrical components of autonomous robotic systems.
- Working with team members to meet milestones and deadlines.
- Providing training to team members on needed skills such as electrical soldering.

### Gelato Labs

*October 2015 - Present*

*online, <https://gelatolabs.xyz>*

Visual and audio design during development of small Javascript-based games.

# Awards, Honors, and Certifications

**2017**

*University of Alabama Presidential Scholarship*

Awarded for 30+ ACT Composite Score and 3.5 minimum GPA.

**2015**

*Microsoft Technology Associate (Microsoft Certified Professional Program)*

Passed MCP Networking Fundamentals and Security Fundamentals exams.

## Interests

- Programming
- Robotics
- Media Production
- Web Design
- Embedded Systems Design
- Video Games
- Computer Building
- Software Security
- Network Security