

Matthew Petry

Computer Engineering Student — Programmer — UI/UX Artist

☎ (251) 769-2791 — ✉ matthew@petrys.net — ☁ matthew.petrys.net
in [matthewpetry](#) — 🔥 [fire219](#)

Skills

Platforms

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

Programming Languages

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

Computer software

- LaTeX
- Nginx
- Git
- Buildroot
- GIMP 2.x
- Hitfilm 3/4
- LMMS

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