

Jackson Pelot

Alpharetta, Georgia » jackson.pelot@gmail.com » (770)-655-1973

[LinkedIn](#) » [Behance](#) » [Github](#) » jacksonpelot.com

An experienced computer science and creative technologies student looking for internship opportunities to explore software development and creative problem-solving

EDUCATION

Berry College » Mt. Berry, Georgia

Aug 2021 - May 2025 (Expected)

- Creative Technologies Major
 - Computer Science Major
 - Dean's List
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GPA: 3.6/4.0

SKILLS

Programming & SysAdmin

- Java, C/C++, Arduino, Processing, PHP, MySQL, Powershell, Bash, HTML/CSS
- Salesforce, Azure, Linux systems

Fabrication & Electronics

- Software - Fusion360, Inkscape, EasyEDA
 - Hardware - 3D Printing, Laser Cutting, CNC Plasma Cutting, SMD and THT Soldering
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EXPERIENCE

Systems and Technology Intern » Live Life Fun

May '24 - Current

- Provided user testing on both their front end and internal dashboard application.
- Performed regression testing in preparation of a system update.

HackBerry Lab Assistant » Berry College

Aug '22 - Current

- Developed Processing software for use in CRT101
- Maintained and operated the prototyping equipment and tools in the college's innovation and technology lab
- Tutored students working on projects in Creative Technologies courses

Research Assistant to Dr. Zane Cochran » Berry College

May '22 - July '22

- Designed a hardware modification to enable a vending machine to accept payment from a mobile payment service
- Developed hardware and software prototypes relating to a planned art installation by Dr. Zane Cochran
- Explored technologies to enable short-range wireless communication between microcontrollers

Apprentice Network Technician » Berry College OIT Office

Aug '19 - May '20

- Developed PowerShell scripts to automate administration tasks
 - Managed user accounts in Microsoft Azure
 - Surveyed campus buildings to determine Wi-Fi access point coverage
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SIGNIFICANT PROJECTS

LampLibrary » Hackberry Lab Assistant

Summer 2023

- Developed a collection of helper functions for the Arduino IDE in collaboration with Dr. Zane Cochran at Berry College.
- Provides a way for noncoders to build simple interactive prototypes with Arduino with little instruction.
- LampLibrary has been incorporated into the curriculum for CRT 101 and is being taught to all new Creative Technologies students

Weather Display Board » Intro to Prototyping

Spring 2022

- Internet-enabled pixel display that uses the openWeather API to fetch current weather conditions and predictions. This information is displayed through a sequence of animated panels.
 - Made of two 16x16 Neopixel Matrices
 - Custom laser-cut wood enclosure
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CERTIFICATIONS // ORGANIZATIONS // AWARDS

- CompTIA ITF+ Certification (2022)
- HackBerry Hackathon Judge's Choice Winner (September 2022)