

Jackson Pelot

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An experienced computer science and creative technologies senior seeking post-graduation employment opportunities to apply creative problem-solving across diverse technical fields.

EDUCATION

Berry College » Mt. Berry, Georgia Aug 2021 - May 2025 (Expected)
GPA: 3.7/4.0
Dean's List

- Creative Technologies Major
- Computer Science Major

SKILLS

Programming & SysAdmin

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

CAD & Manufacturing

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

Systems and Technology Contractor » Live Life Fun *May '24 - Current*

- Perform quality assurance on internal tools and public-facing services
- Collaborate with systems team to design targets for new functionality
- Provide technical support for remote market directors

HackBerry Lab Assistant » Berry College *Aug '22 - Current*

- Developed Arduino library for use in CRT101
- Maintained and operated the prototyping equipment 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)