

Jason Heflinger  
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## Education

Bachelors of Science, Computer Science | May 2025

Rose-Hulman Institute of Technology, Terre Haute, IN

3.81

Related courses: Data Structures and Algorithms, Combinatorics, Differentials, Object Oriented Software Development, Computer Architecture

## Projects

Pocket Python Minicontroller | Spring 2022

- Developed with CircuitPython on a Raspberry Pi Pico
- Utilizes an OLED screen, SD reader/writer, and a portable LiPo Battery
- Handheld device that can run custom Python scripts loaded on an SD card
- Useful for applications like an autoclicker, software installer, automated tasks, etc

ORIS mini | Summer 2022

- Developed in C++ using an ESP32 TFT display board
- Manipulates network connections and utilizes deauther capability
- Integrates a "minigame" in which the player can feed a small pocket monster data to grow stronger
- Open source project for anyone to develop and use

RMI Inventory Tracker | Summer 2022

- Developed in Python 3.10 on a Raspberry Pi 3
- Uses a scanner and a psuedo-database through git integration
- Keeps track of scanned items through a barcode scanner
- Collects data and sends out automated emails on supply usage and missing items

## Skills

Programming: Java, C, C#, C++, Python, JavaScript, HTML, CSS, MySQL, Assembly, Verilog, Asp.NET, OpenGL, OpenCV, SDL2, LibGDX

Applications: Eclipse, Visual Studio, Visual Studio Code, Intel Quartus Prime, Unity, ARM64 Keil, Adobe Illustrator/Photoshop, Aseprite

Personal: Great work ethic, Leadership, Communication, 93 WPM, reliability