Ethan Hartman

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Objective:

To obtain a cooperative position in computer science researching, developing, designing, or testing programs. Available June – August 2023.

Education:

Rochester Institute of Technology | Rochester, NY | Expected May 2025

Bachelor of Science in Computer Science
Classes: In fulfillment

Monroe Community College | Rochester, NY | August 2020 – May 2022

Associate of Science in Computer Science
GPA: 3.67
Classes: Introduction to Computing, Introduction to Object Oriented Programming, Introduction to data structures, Digital Computer Organization, Operating Systems and Peripherals, Programming Microcontrollers in C & Assembly, Computer Programming – "C++"

Skills:

Programming Languages: Lua, Java, Python, C++, C#, C, SQL, .NET, HTML, CSS

Operating Systems: MS Windows, Android

Development Software: Roblox Studio, IntelliJ, Microsoft Visual Studio (&Code), PyCharm, Unity

Projects:

Miniature Fan Simulation | Academic

- Individually created a miniature fan using the Dragon 12 microcontroller using C.
- The fan included features such as variable speed, timed shut off, temperature activation, and directional adjustment.

Raspberry Pi RFID Editor | Academic

- Created a GUI allowing users to read and write data to RFID tags.
- Programmed in Python and utilized a Raspberry Pi extension board.

Tower Defense Game | Personal

- Developed a tower defense game individually, involving graphical design, 3d modeling, and intense programming completely in Lua.

Experience:

CVS Pharmacy | Pharmacy Technician | November 2021 - Present

- Perform drive-thru activities such as COVID-19 PCR testing.
- Fill and distribute prescriptions to patients.
- Ensure patient satisfaction

Javlyn Process Systems | Research Internship | July 2022 – August 2022

- Individual project researching the feasibility of dynamic augmented reality in a factory setting.
- Developed a simple SQL database and created a working program for the Microsoft HoloLens2 glasses, which pulls data from the SQL database to display real-time component values, such as fluid level, or flowrate.
- Utilized SQL, PHP, JSON, C#, and Microsoft's Mixed Reality API.