

Matthew G. Perry

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Objective

Multifaceted Computer Engineering major with prior experience in distinctive system-level programming. Adept at designing and implementing creative hardware and software ideas. Seeking an internship for Summer 2022.

Education

Georgia Institute of Technology | Atlanta, GA

Bachelor of Science in Computer Engineering, GPA 3.41

August 2021 – Present

Expected Graduation, May 2025

Georgia Southern University | Statesboro, GA

Dual Enrolled with 18 Credit Hours, GPA 3.84

August 2019 – May 2021

Skills

Programming: Python, Java (Beginner), Javascript, C, Scheme, SQL

Hardware: Raspberry Pi, AVR microcontrollers, soldering, PCB Design

Software: MATLAB, KiCad, Autodesk Inventor, Autodesk Fusion 360, Linux, Git

Communication: Research papers, design blueprints, presentation experience

Projects

Nintendo Gameboy Programming

- Designed multiple games using Z80 assembly and C.
- Learned programming engaging graphics in a limited memory environment.

Backtester for Modeling Trading Strategies

- Developed a program that tested a user's stock trading strategies against historical data using Python and APIs.
- Learned common trading strategies and how to process quantitative data to make informed financial decisions.

Relevant Coursework

Introduction to Object Oriented Programming: Object-oriented paradigms and data structures in Java

CS50x Introduction to Computer Science: Programming concepts in C and Python, included projects in SQL and web programming. Introduced topics such as memory management, call stacks, and data structures.