Matthew Epperson

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EDUCATION

Georgia Institute of Technology   Graduation Expected: May 2023

- **Major**: Bachelor of Science in Computer Science
- **GPA**: 3.80/4.00
- **Relevant Coursework**: Object-Oriented Programming, Data Structures & Algorithms, Computer Architecture, Python Data Visualization, User Interface Design, Linear Algebra, Applied Combinatorics, Discrete Mathematics, Statistics & Applications, Multivariable Calculus
- **Incoming Coursework**: Objects and Design, Computer Graphics, Intro to Database Systems, Mobile Computing
- **Awards**: HOPE Scholarship Recipient, Dean's List, President's List

SKILLS & INTERESTS

Programming: Java, Python, C, Angular, C#, C++, HTML, CSS, SQL, JavaScript, React
Frameworks: AWS, TensorFlow, Git, Adobe XD
Languages: English (Fluent), Spanish (Elementary)
Interests: Investing, Artificial Intelligence, Fitness, Public Speaking, Artificial Intelligence, Typing (170 WPM)

EXPERIENCE

Georgia State University | Atlanta, GA   Oct 2019 – March 2020
Mathematics & Computer Science Tutor

- Tutored over 50 students at Georgia State's tutoring center in Mathematics and Computer Sciences courses
- Responsible for tracking the amount of students that entered the tutoring center on a daily basis
- Facilitated group discussions with students to further their understanding of the material

United Parcel Service | Atlanta, GA   November 2015 – April 2017
Package Handler/Sorter

- Responsible for sorting 1,000+ packages daily and loading them into designated trailers in an organized manner
- Awarded employee of the month for 4 consecutive months

PROJECTS

Georgia Tech Schedule Evaluator   October 2021
HackGT Group Project

- Created a web application to evaluate the difficulty of course load based on the previous average GPA in the course
- Utilized Pandas and the Beautiful Soup library in Python to web scrape and analyze 7,000+ past Georgia Tech courses
- Used HTML, CSS, and JavaScript to create the frontend of the application to provide an exceptional user experience

Personal Website - www.matthewepperson.me   June 2021 – July 2021
Personal Summer Project

- Demonstrated proficiency in HTML/CSS/JavaScript/React by building a personal portfolio website
- Used Adobe XD to help create the website's architecture for the UX/UI
- Purchased a personal domain and also hosted the webpage through GitHub pages

Gameboy Advance Game   April 2021 – May 2021
Class Project

- Developed a sidescroller story driven RPG game in C on the Gameboy Advance
- Utilized dynamic memory allocation extensively to implement the core gameplay and provide a smooth experience
- Used Docker to emulate the Gameboy Advance on operating systems such as Windows, Mac, and Linux

Discord Stocks Bot   May 2020 – July 2020
Personal Summer Project

- Developed a Discord chat bot in Python to provide detailed data on specific stocks in the current market
- Utilized Google Finance API to pull data from 2,500+ stocks throughout the market
- Implemented feature to allow users to actively paper trade stocks with a virtual currency to practice trading strategies
- Used SQLite as a database to maintain and keep track of 300+ users portfolios within multiple servers