

Matthew Epperson

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EDUCATION

Georgia Institute of Technology

Graduation Expected: May 2023

- **Major:** Bachelor of Science in Computer Science
- **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
- **GPA:** 3.8/4.0
- **Awards:** HOPE Scholarship Recipient, Dean's List

EXPERIENCE

Georgia Institute of Technology | Atlanta, GA

Oct 2020 – Present

Mathematics & Computer Science Tutor

- Tutored over 20 students at Georgia Tech's tutoring center in Mathematics and Computer Sciences courses
- Improved numerous students overall grades to a letter grade higher with tutoring throughout the semester
- Responsible for not only tracking the amount of students that entered the tutoring center on a daily basis, but also responsible for maintaining communication with them and encouraging them to come back too

PROJECTS

www.matthewepperson.me

June 2021 – Present

Full Stack Web Developer

- Demonstrated proficiency in HTML/CSS/JavaScript/React by building the website from scratch and utilizing bootstrap for the webpage's responsiveness
- Purchased a personal domain while also hosting the webpage through GitHub pages
- Used Adobe XD to help create the website's architecture for the UX/UI

Georgia Tech Schedule Evaluator

October 2021

Lead Python/JavaScript Developer

- Was in charge of web scraping 6,905 past courses worth of data at Georgia Tech such as average GPA and credit hours by utilizing pandas library and beautiful soup library in Python
- Used past course statistics to provide a user an in-depth analysis of their schedule and would evaluate the potential difficulty of the schedule chosen.
- Primary goal of this project was to allow students the ability to evaluate their future schedule in terms of workload/difficulty, which in return would significantly help guide them in choosing an adequate schedule for the following semester.

Discord Stocks Bot

May 2020 – July 2020

Full Stack Python Developer

- Developed a Python automated bot that utilizes the Discord Developer API in order to personally trade, sell, or hold a certain stock.
- Utilized in over numerous of discord servers that actively traded stocks from the stock market using virtual currencies and also had hundreds of users using on a daily basis as well too
- Used SQLite as a database to maintain and keep track of users portfolio information alongside using the plotly python library to generate charts for users' profits and losses

SKILLS & INTERESTS

Programming: Java, Python, C, C#, HTML, CSS, SQLite, JavaScript, React

Frameworks: AWS, TensorFlow, Git

Languages: English (Fluent), Spanish (Elementary)

Interests: Investing, Nature, Fitness, Public Speaking, Artificial Intelligence, Typing (170 WPM)