Emanuel Aseghehey

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EDUCATION

(Honors) Bachelor of Science in Computer Science, University of South Florida, Tampa, FL — Expected Dec 2023
GPA: 3.93 / 4.0

SKILLS AND AWARDS

Programming:	Python, Javascript, C/C++, Java, React.js, HTML/CSS, Bootstrap
Technologies/Environment:	API, Git, AWS, Django, Flask, MySQL, PostgreSQL, SQLite, SQLAlchemy
Skills:	Adaptability, Planning, Observation, Problem solving and Teamwork
Scholarships:	West Africa Management Service
Awards	2x Dean's List, Honor's College
Spoken languages:	English, Portuguese and Spanish

EXPERIENCE AND LEADERSHIP

USF - Computer Science Department — May 2022 – Present
Teaching Assistant — Tampa, Florida
- Provide service to the professors in organization and preparation for the course material
- Guide students in understanding class concepts and assess them on the content taught in class

USF - Mathematics and Statistics Department — Aug 2021 – Present
Calculus Peer Leader — Tampa, Florida
- Assist, tutor and guide undergraduate students with complex mathematical concepts
- Lead a team of other peer leaders to manage and prepare in their assistance to other students

PROJECTS

Optic-mization — Jan 2022 – Jul 2022
- Devised full-stack web application that recommends glasses based on a user's facial shape
- Utilized Python Machine Learning library (OpenCV) to detect and track facial features
- Deployed on AWS

Twitter Ratio Bot (@_ratiobot) — Jun 2022 – Jul 2022
- Collaborated with a team of developers on a Twitter bot that interacts with users upon mentions
- Has interacted with over 200 users and performed more than 400 requests
- Optimized performance using tools like APIs, Python and Tweepy

Investment Banking Model — May 2022 – Jul 2022
- Programmed a website that models financial technology and allows users to purchase and sell stocks
- Utilized a MySQL database to store users with different roles, including ones for CRM and UX handling
- Enhanced performance by integrating session management and tools such as Flask, Python, HTML/CSS and Bootstrap

Manage Pro — Jan 2019 – Mar 2019
- Devised a Graphical User Interface intended for soccer coaches to manage players and make better tactical decisions
- Utilized an API to retrieve all the data for the soccer players
- Implemented using Java, Oracle and JDBC

CERTIFICATIONS

JP Morgan Chase & Co Forage Software Engineering Virtual Experience — Jul 2022