EDUCATION

University of South Florida Tampa, FL
B.S in Computer Science GPA: 3.74 *May, 2026*

Relevant Coursework:
Calculus I-III, Linear Algebra, Probability and Statistics, Differential Equations, Physics I-II, Discrete Math, Data Structures, Analysis of Algorithms, Computer Organization, Computer Architecture, Operating Systems, Automata Theory & Formal Languages, Artificial Intelligence, Secure Coding, Software Engineering, Parallel Computing, Compilers.

SKILLS

Languages: Python, C/C++, SQL, JavaScript, HTML/CSS, Verilog
Libraries: Pandas, NumPy, Matplotlib, TensorFlow, Flask, Django, PyTorch, POSIX

EXPERIENCE

Teaching Assistant Jan 2024 - Present
University of South Florida *Tampa, FL*
- Worked as a teaching assistant for **three** senior level courses: Data Structures, Operating Systems, and Computer Architecture.
- Assisted in teaching fundamental concepts in Data Structures, Operating Systems, and C/C++ programming to cohorts of **150+** students.
- Evaluated and graded **1,000+** submissions, including projects, homework, and exams, while providing detailed feedback to enhance student learning outcomes.
- Conducted weekly office hours, resolving student inquiries and providing one-on-one assistance to support academic success.

Supervised Research - Computer Vision Aug 2023 - Dec 2023
University of South Florida *Tampa, FL*
- Developed and implemented computer vision models such as Convolutional Neural Networks, and Autoencoders.
- Participated in data collection, preprocessing, and model training, ensuring the highest quality of results.

PROJECTS

Arduino Follower Robot | *Arduino*
- Designed and developed in a robotics project that placed **1st out of 100 students** in the section and **3rd across all 8 sections** in a competitive academic environment.
- Contributed to both physical design and software development, demonstrating innovation and technical expertise.

Stock Market | *Python, Flask, Pandas, BeautifulSoup*
- Developed a Flask-based web app leveraging Python, BeautifulSoup, and Selenium for financial data retrieval
- Scraped and presented information on **thousands** of cryptocurrencies, stocks, ETFs, and sector-specific funds.
- Ensured data accuracy, user-friendliness, and continuous updates for market relevance, resulting in high user engagement.

Sports Webscraping App | *Python, Pandas, BeautifulSoup, Streamlit*
- Created a user-friendly interface with Streamlit for seamless data retrieval, ensuring a smooth and engaging user experience.
- Implemented data scraping techniques to gather up-to-date standings and rankings on **thousands** of players and teams, maintaining accuracy and relevance.
- Delivered a diverse range of sports data, covering numerous soccer leagues and major American sports, enhancing the app's utility and user appeal

AWARDS

2023 Dean's Honor List
USF Green & Gold Scholarship