

Adam M. Mansour

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OBJECTIVE

Hardworking and energetic computer science student with strong leadership skills paired with the ability of complex problem solving which is suitable for working in collaborative groups.

EDUCATION

University of South Florida | Tampa, FL

Bachelor of Science in Computer Science, GPA 3.76

Expected Graduation, May 2024

EXPERIENCE

The SEES Lab Research for Secure, Efficient, and Evolvable Computing systems

Tampa, Florida

Undergraduate Research Student

May 2022 – Present

- Develop verification and testing methods to show safety and robustness of machine learning algorithms
- Main focus of research include the use of SAT/SMT solvers which uses discrete math with a syntax that is derived from a python library named Z-3
- Bounded Model Checks which help automate the verification techniques needed in order for multi thread programs to run and cooperate efficiently via SAT/SMT solving
- Threaded mode Z-3 has the potential to provide leading edge performance, since speedup is achieved on both SAT and UNSAT instances.

3xclusivecollectibles LLC

Tampa, Florida

Entrepreneur and Founder

June 2021 - Present

- Conducted all company operations from sales management, product management, customer relations, and even inventory packaging
- Gained experience using an ecommerce software named Ominous which automated purchasing
- Included my own Golang and Python Scripts in order to automate inventory tracking by tracking purchased items and converting them to an excel file and it would also message customers who ordered past same day shipping times which sustained customer satisfaction reviews to nearly 100% and
- Generated an estimated 50 grand in sales in under two months
- Oversaw the company's expansion into the crypto market through HNT mining increasing revenue for the company

MedServ

Tampa, Florida

Internship

June 2021 - July 2021

- Design and build of a new company website on AWS
- Assisted in the implementation of a contact form using AWS Lambda and API Gateway
- Implementation of a client work order form using AWS Lambda, API Gateway and DynamoDB
- Converting client information from an excel sheet to a dynamic database using DynamoDB and S3

Leadership

Tennis

- Coached tennis to children from the age of 3 – 18 and adults of all ages for four years
- Led my high school team to multiple state championship runs

SKILLS

Languages: English(fluent), Arabic (fluent)

Programming: Python, Golang, HTML, CSS, JavaScript, Z-3 Solver

Soft Skills: Report writing, Collaboration, public speaking, presentation, Microsoft Office 365, GitHub, Virtual Studio Code, Analytical Skills, Cross Functional Team communication, Calculated risk taking, excel