

Tony Amin

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Education

University of Nevada Las Vegas

May 2021

Bachelor of Science: **Major:** Computer Science | **Minor:** Mathematics | **GPA:** 3.18

Achievements

UNLV College of Engineering Differential Fees Scholarship

Spring 2019

UNLV Dean's Honors List

Spring 2020

Multicultural Program Scholarship

Fall 2020

Relevant Coursework

Discrete Mathematics 1

Object Oriented Programing

Computer Organization

Discrete Mathematics 2

Intro. to Systems Programming

Human-Computer Interaction

Software Product Design

Data Structures

Analysis of Algorithms

Technical Skills

Programing Languages: Proficient – C++, Assembly (x86-64, MIPS)

Familiar – Python, Java, C

Operating Systems: MacOS, Linux, Windows

Tools: Visual Studio Code, Arduino,

Project Experience

Quorum iOS Translation (Senior Design Project)

- Extending the usability of the Quorum Programing Language to allow users to create java applications for iOS devices
- Debugged and assembled java code that calls down to apple libraries using the deprecated MobiVM/RoboVM compiler
- Resulted in multiple libraries being implemented into the Quorum Programming Language, as well as a “Send to iOS” feature being added in a beta version of the Quorum Studio IDE

ASME Offensive and Defensive robot controls

- Engineer robot(s) to compete in a four-way game of soccer
- Assembled Wixel and Arduino microcontrollers onto the offensive and defensive robots
- 1st place in the National Student Design Competition in 2017, 2nd place in the International Student Design Competition in 2017, and 5th place in the National Student Design Competition in 2018

Involvement / Leadership

National Society of Black Engineers (NSBE)

- Vice President (Fall 2019 - Spring 2021)
- Finance Chair (Fall 2019 - Spring 2019)

American Society of Mechanical Engineers (ASME)

- Secretary (Spring 2019 – Fall 2019)
- Student Design Competition Team (Fall 2017 – Spring 2019)

Association of Computing Machinery (ACM)

- Student Officer (Fall 2019 - Spring 2020)
- Website Maintenance Team (Fall 2019 – Spring 2020)