Adnan Ahmed

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[LinkedIn](#)
Winooski, Vermont, US

Education

University of Vermont – B.S. in Computer Science,	May 2022

Relevant courses: Machine Learning, Data Structures and Algorithms, Software Development & Project Management, Computer Architecture, Object Oriented Programming, and Computer Networks

Honors and Awards: Andrew Harris Award (2022), Elmer Nicholson Achievement Prize (2022)

Harvard Edx Online Course - Video Game Development in Lua	July 2020

Skills

Proficient in Python, C++ Java, HTML and CSS, C, PHP, Lua, WIX
Self-taught Musician/Producer: Logic Pro X, Fruity Loops Studio, Ableton and Garageband.
Skilled in guitar, piano, drums, ukulele, and various percussion instruments (tabla, cajon, etc.)

Relevant Projects

UNO game in PyGame 2020
- Worked in a team of 4 to develop the back and front end of a game that uses OOP to deal with data
- Designed a computer AI that changes based on selected game difficulty

Insect Identification program with Machine Learning | **Project Report** 2020
- Worked in a team of 4 to develop a program that used several different ML algorithms to identify the type of insects.
- Utilized Convolutional Neural Network, Inception, Xception and Mobile Net with 93% accuracy on average.
- We used transfer learning to save on time and computation.

Website Development for food 2019 - 2020
- Designed and built a basic website with a team of 3, then later remade the site by myself
- Implemented a comment section with PHP and SQL which stores and retrieves comments from a database
- Remade the whole site on Wix

Dungeon Crawler game in C++ 2021
- Worked in a team of 2 to develop the game
- Used openGL, OOP and some basic ASCII art concepts

Work Experience

International Student Ambassador, **University of Vermont Admissions Office,** Burlington, VT   Jan. 2021 - May 2022
- Produced, edited, and directed an advertisement video project for international students abroad.
- Interviewed student applicants and provided feedback for admission purposes.
- Benchmarked marketing strategies from other institutions to improve UVM's messaging

Host for Discover UVM program, **University of Vermont Admissions Office,** Burlington, VT   Oct. 2019
- Mentored a prospective computer science student during their visit to the university, offering an authentic university experience as they took classes with the faculty and explored the university.

Orientation Leader, **University of Vermont Orientation Office,** Burlington, VT   Jan. 2022
- Built community among new incoming students to create a sense of belonging at the university by facilitating icebreakers and info sessions, talking through their anxieties, and participating in community-building events.
- Managed 20+ students through ice breakers and info sessions / team building events
- Helped international students manage culture shock in group and one on one formats.

Intern, **World Wildlife Fund**, Lahore, Pakistan   Summer 2017
- Raised awareness for recycling and composting, in under-resourced communities as part of a city re-greening.

Volunteering, Memberships & Awards

● **UVM International Students Club** Secretary / Founding member	Aug. 2021 – May 2022
● **UVM Student Advisory Board** Member	Jan. 2019 – May 2022
● Global Gateway Program Leadership Committee	Aug. 2019 – May 2020