

Danh Le

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OBJECTIVE

To obtain an internship in Software Engineering and develop new technologies using modern developmental tools.

EDUCATION

The University of South Florida

Tampa, FL

College of Engineering | Bachelor of Science in Computer Science

Fall 2022 (Anticipated) GPA: 3.5 / 4.0

- Activities: *Hackabull 2021, Society of Competitive Programmers, Society of Asian Scientists and Engineers*

PROJECTS

A.D.U.E – All Domain Urban Experimentation

- Expanding the C-STARE project with USSOCOM / USASOC insight to further create efficient solutions to counter facial recognition technology by manipulating machine learning algorithms and neural networks.

C-STARE – Counter-Surveillance Street Wear

- Utilized technology, such as Python, MATLAB, Docker, Pachyderm, and Deep Neural Networks (OpenCV, SciKit, and TensorFlow) to fight against an adversarial attack using a Linux platform.

A-Star Pathfinding Algorithm Visualizer – Python, Pygame

- Created an interactable visualizer for the A-Star pathfinding algorithm using Python and Pygame.

Score Without 4 Game – Python, Pygame, Hackabull 2021

- Built a multiplayer game that represents a derivative of the famous game “Connect 4” that includes multi-dimensional arrays, index comparisons, and a user friendly interface.

Personal Website Portfolio – HTML, CSS, JavaScript, Bootstrap

- Developing and formatting a website portfolio to learn and illustrate web application fundamentals.

Bullnav – Engineering Manufacturing / Hardware Integration Lead

- Designed a navigational application using Microsoft PowerApps and the Google Maps API for students with disabilities.

EXPERIENCE

SOFWERX – Cybersecurity and Engineering Intern

(August 2020 – Present)

- Researched solutions to help the warfighter operate against facial recognition and identification software.
- Collaborated with a small team to integrate adversarial images and infrared light-emitting diodes into everyday attire to resist machine learning algorithms (C-STARE / A.D.U.E).

North Tampa Behavioral Health – Mental Health Technician

(October 2018 – October 2019)

- Provided direct assistance/basic life support to patients and worked with nurses and medical doctors by charting and organizing data.

Cantina Laredo – Server Assistant

(April 2017 – July 2018)

- Provided customers with professional and exceptional food service with a large team.

LEADERSHIP / AWARDS

Wiregrass Ranch High School - HOSA Vice President / Club Representative

(Fall 2014 – Fall 2016)

Wiregrass Ranch High School - Men's Varsity Basketball Team Manager

(Fall 2015 – Fall 2017)

Museum of Science and Industry - Camp Advisor Assistant

(July 2012 – August 2016)

Awards – HOSA Website Award, PSA HOSA Regionals (3rd Place), 2x Barbara James Service (Silver/Bronze)

TECHNICAL SKILLS

Python, Java, C Programming, C++, C#, Object Oriented Programming, Data Structures, HTML, CSS, JavaScript, Linux, GitHub, Git, MATLAB, Machine Learning, Cybersecurity, OpenCV, Docker, AWS, Pachyderm, Nano, Vim, FileZilla, Secure Shell (SSH), VS Code, PowerApps, Arduino, Microsoft Office.

CERTIFICATIONS

University of Michigan – Programming for Everybody (Python) Certification

Duke University – Programming Fundamentals (C) Certification

SPOKEN LANGUAGES

English - Speaking (fluent), Writing (advanced)

Vietnamese - Speaking (fluent), Writing (intermediate)