

TRIET DO

23453 Liberty Bell Ter, Boca Raton,
FL 33433

561-229-4711

td1167@mynsu.nova.edu

EDUCATION

Nova Southeastern University

August 2021 – June 2025

- GPA: 3.73
- Major in Computer Science and Mathematics
- Dean List all semesters, Honor Program
- Presidential Scholars 64

EXPERIENCE

Intern at Drivers' Alert

January 2023– Present

- Configure the version 2 of the company's accident report web application. The website will collect data from anonymous user and caller and report to the subscribed company the performance of its fleet of vehicles.
- Oversee the database aspect and the server reporting services. Adjust the database and the SQL procedure according to the new requirements from client.

NSU' Research Assistant

April 2022– Present

- Record data from the mosquito *Aedes Aegypti* and *Aedes Albopictus* traps in different locations in South Florida to create a fitting model of the mosquito's population.
- Incorporate ordinary differential equation model into machine learning to analyze the recorded data and generated fitting models that predicts the mosquito's population at different locations and seasons.
- Perform fitting validation to check the accuracy of the parameter and stabilize models before publication.

Project Manager for Code Checker Web Application

September 2022– December 2022

- Build a web application that allows professors to create a coding Python problem with input and the desired output for students to submit their solution. The app determines if the student's source code is accepted by comparing the student's output with the desired output.
- Oversee and determine the workflow of setting up the server, front-end, back-end, and database among 4 team members.
- Set up an online Python's interpreter, fetch, and import data from the database.

Supplemental Instructure Leader

August 2022– December 2022

- Facilitate collaborative study sessions in support of students' academic success in Computer Science Fundamentals to Programming class.
- Keep track of students' performance in class, reinforced fundamental programming concepts, and provided necessary assistance outside of class hours.
- Mediate between the students and the professor by providing feedback from students to the professor weekly and communicating the professor's assignment requirements to the students.

Inter-Organizational Council for NSU_eHACKERS

May 2022– Present

- Use skills in package sniffing, vulnerability scanning, and port exploitation to lead a team of 6 students through cyber security competitions hosted by the National Security Agency.
- Ensuring the club is in an activate status and meet all the criteria for funding from the school.

Treasurer for the Association for Computing Machinery

May 2022– Present

- Manage purchasing and reimbursement from the club, collected funds and fee for the clubs' activities
- Organize workshops to teach students skill such as github, host mini-hackthon competitions, and create event for CS student,

PROFESSIONAL/TECHNICAL SKILL

- Python, C++, Java, JavaScript, HTML, CSS,SQL
- Anaconda, Jupyter Lab/Note, Eclipse, Visual Studio, and Visual Code
- Leetcode Profile: <https://leetcode.com/Tdriet/>
- LinkedIn: www.linkedin.com/in/TrietMinhDo
- GitHub: <https://github.com/TrmiDo>