

Vinh Tran

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EDUCATION

University of Michigan - Ann Arbor

Expected Graduation: May 2025

Major: Bachelor of Science in Computer Science

GPA: 3.21

Relevant Coursework: Data Structures & Algorithms, Foundations of Computer Science, Discrete Mathematics, Computer Organization, Web Systems, Cyber Security, Statistics and Data Analysis

Relevant Skills: C, C++, Python, Java, HTML, CSS

TECHNICAL EXPERIENCE

Instagram Mock Website (HTML, CSS)

Sep 2023 - Sep 2023

- Launched a web application that emulates the Instagram websites and relevant posts and comments along with user information
- Created a Python program to use templates to generate HTML pages
- Designing user interfaces with HTML and CSS

Stock Market Simulator (C++)

Jan 2023 - April 2023

- Developed a Star Wars program that emulates a Stock Market Simulator with Jedis and Siths as buyers and sellers, planets as commodities, and generals as stock market traders
- Implemented a “streaming algorithm” making it possible to look at optimal points to buy and sell commodities (planets) to obtain the highest profit margin

Student Discussion Board Post Predictor (C++)

Jan 2021 - April 2022

- Developed a student discussion board post predictor using a “bag of words” model
- Gave the machine learning model a training set of posts and related categories that update if it correctly predicts a post within the training set
- Used the model to predict post category based on keywords within the post

WORK EXPERIENCE

Tutor

September 2019 - May 2021

- Mentored over 20 students in Algebra, Geometry, and Calculus
- Facilitated study plans and practice problems for various subjects

Amazon.com, LLC.

July 2021 - Aug 2021

Delivery Station Associate

- Actively participated in the processing and organization of packages in order to meet daily quotas
- Assisted Amazon delivery drivers in organizing packages based on delivery routes

Emergency Technology, Inc.

July 2021 - Aug 2022

Product Assembler

- Boosted the productivity of the lightbar assembly line by meeting daily production quotas and product orders
- Performed quality control tests and ensured product quality according to company standards to maintain a 98% product pass rate