

# Vinh Tran

Grand Rapids, MI | (616) 773-9320 | [vinht@umich.edu](mailto:vinht@umich.edu) | [linkedin.com/in/vinhmxt/](https://www.linkedin.com/in/vinhmxt/) | Github: mvinty

## EDUCATION

### University of Michigan - Ann Arbor

Expected Graduation: May 2025

**Major:** Bachelor of Science in Computer Science

**Relevant Coursework:** Data Structures & Algorithms, Foundations of Computer Science, Computer Organization, Web Systems, Cyber Security, Statistics and Data Analysis, Accessibility and Web Design, Operating Systems

**Skills:** C, C++, Python, Java, HTML, CSS, Javascript, React, SQL

## PROJECTS

### Instagram Mock Website (HTML, CSS, Python, Flask, SQLite, React, Javascript)

Sep 2023 - Oct 2023

*Full Stack Developer*

- Developed a functioning Instagram replica, incorporating client-side and server-side components utilizing Flask, HTML, Python, JavaScript, and React
- Implemented a Flask-based API to query and manage with an SQLite database
- Leveraged API, Javascript, and HTML to incorporate interactive features, including infinite scrolling, likes, and comments

### Weather Web App (HTML, CSS, Javascript)

Jan 2024 - Feb 2024

*Full Stack Developer*

- Developed a Weather Web Application using HTML, CSS, and JavaScript to provide users with real-time weather forecasts
- Integrated an API to fetch and display accurate weather data, ensuring users stay informed about daily weather conditions
- Implemented an interactive toggle switch using CSS and HTML, enabling users to customize data metrics such as temperature units and wind units

### Machine Learning Post Predictor (C++)

Jan 2021 - April 2022

*Software Developer*

- Created a post predictor designed to categorize incoming student discussion posts based on keywords using binary search trees, and unordered maps
- Applied a Naive Bayes Classifier, utilizing a “bag of words” model, achieving an 87% prediction accuracy on a 2988-post dataset

## WORK EXPERIENCE

### Amazon.com, LLC.

July 2021 - Aug 2021

*Delivery Station Associate*

- Orchestrated processing and organization of packages to meet daily quotas
- Ensured efficiency in organizing packages into carts for delivery drivers based on delivery routes

### Emergency Technology, Inc.

July 2022 - Aug 2022

*Product Assembler*

- Boosted productivity of 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