

GitHub: <https://github.com/Monica20030707>

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Thuy Nguyen

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## SKILLS

Skills: Java, Python, Kotlin, C++, HTML/CSS, Next JS, React, Typescript, Node.js, JavaScript, MySQL, PHP

Agile Methodologies, Clean code, Communication, Collaboration, Customer Service

Tools: Git, Android Studio, Visual Studio Code, Figma, AWS API, IntelliJ

## EXPERIENCES

Teaching Assistant ? Computer Science, Bellevue College April 2024 ? Present

Guided 20+ students with class materials during and after class.

Elevated student proficiency in JUnit and Javadoc, enhancing assignment quality by 20%.

Delivered tailored feedback and recommended lecture topics based on student needs.

Coding Competition Developer ? Computer Science, Bellevue College April 2024 ? May 2024

Developed real-time score updates using SQL and PHP, increasing efficiency by 40%.

Enhanced web interfaces with HTML and CSS, boosting user satisfaction by 30%

Web Design Intern ? RSVP Vietnam, Vietnam July 2022 ? September 2022

Served as a dedicated and supportive Intern in a fast-paced environment.

Created a Figma mock for the company's planned website refresh.

Improved HTML email templates to meet customer requirements.

## PROJECTS

Stock Ratio Tracker ? Python (Fintech) GitHub repo July 2024 ? September 2024

Set up a local dev environment by downloading the necessary files, tools and dependencies.

Fixed broken files in the repository to make web application output correctly.

Used JPMorgan Chase's open-source library called Perspective to generate a live graph that displays a data feed in a clear and visually appealing way for traders to monitor.

Read MNIST Handwritten Dataset - Python ML GitHub repo February 2024 ? March 2024

Built an Artificial Neural Network (ANN) from scratch using Backpropagation to classify handwritten digits (0-9).

Achieved over 90% accuracy, showcasing expertise in Python and machine learning.

Traffic Violation Detection System - AWS Cloud GitHub repo December 2023 ? January 2024

Processed license plate images from S3, sending email notices to offenders with violation details and fines.

Engineered Regex to identifying California plates, routing through SQS and EventBridge for proper handling.

## EDUCATION

Bachelor of Science, Bellevue College 2023 - Present

Computer Science

Activities: Social Media Manager of Computer Science Club, Member of Honor Society Phi Theta Kappa

Award: Amazon Scholarship.