GitHub: <https://github.com/Monica20030707> | LinkedIn: <https://www.linkedin.com/in/thuy-nguyen-46505121b/>

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](https://github.com/Monica20030707/tradingDashboard-UI) 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](https://github.com/Monica20030707/Artificial-Neutral-Network_ML) 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](https://github.com/Monica20030707/AWS_rekonigition-N-read-database) 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.