Emily (Thu) Nguyen

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Education

Mohawk College of Applied Arts and Technology December 2023

Computer Systems Technology - Software Development (GPA: 85 / 100) *Hamilton, Ontario*

- **Relevant Coursework:** Data Structures and Algorithms (Java), Client-Side Programming, Mobile Web Programming, Database Theory, Android Application Development, Oracle PL/SQL Programming, Advanced PHP, Machine Learning, Mathematics of Gaming, Software Capstone Project.

Experience

Marketing Department, Mohawk College Oct 2023 – Dec 2023

Web Developer *Hamilton, Ontario*

- Updated website content via Drupal and WordPress, and supported web accessibility initiatives on mohawkcollege.ca to optimize website accessibility and usability.
- Developed documentation and training materials for various organizational groups.
- Created, tested, and modified forms, and ensured alignment with Mohawk College brand standards.

Evertz Microsystems Sept 2022 – Dec 2022

Student Product Verification Specialist *Burlington, Ontario*

- Performed system-level testing and firmware/software validation for the product line, and collaborated with the Product Team to plan tests to put the product(s) through design verification cycles.
- Developed test cases. Worked closely with the Product Team and Design Engineering Team to track defects and implement new developments.
- Created and updated test procedures and conformance documentation and assisted with product user manuals.

Projects

Emily's Recipes | *HTML, CSS, React.js, JavaScript, Bootstrap, Laravel(PHP), Docker, DBeaver, PostgreSQL, Git (Dec 2023)*

- Designed and deployed a full-stack app that allows individuals to discover recipes based on the ingredients in their fridge without the need to log in.
- For registered users, additional features include the ability to post recipes, save favorites, and leave comments on others' creations.

Personal Pet Store Application | *HTML, CSS, React.js, JavaScript, Bootstrap*

- Created and developed an application using React Function Components, Hooks.
- Used React Router and AJAX/fetch to create a Single Page Application, and style the application with a library.

Django Airline App | *Python, Django, GIT (May 2024)*

- Manage flights effortlessly with our Django-powered airline app, featuring robust models and smooth migrations..
- Implemented framework libraries to extend the functionality of a web application.
- Experience seamless airline operations through our app's efficient Django ORM and comprehensive admin capabilities.

Technical Skills

Languages: JavaScript, Python , PHP, Java, C#, C++
Technologies: React.js, jQuery, Bootstrap, Django, Laravel, React Native, Drupal, WordPress, Vue.js, Express.js, TensorFlow, PyTorch, Node.js, Android SDK, .
Databases & Tools: SQL (MySQL, Microsoft SQL Server, PostgreSQL), Oracle PL/SQL, SQLite, Docker, DBeaver, IntelliJ, Visual Studio, VSCode, Android Studio, Postman.
Others: Git, Linux, MVC, Agile Methodologies, Technical Writing.