Trang Nguyen

trang.nguyen3@georgebrown.ca | github.com/t-cecilia-nguyen/ | linkedin.com/in/t-cecilia-nguyen/

TECHNICAL SKILLS

- Programming Languages: C#, JavaScript, Java, Python, SQL
- Web Development: HTML, CSS, JavaScript, React, Node.js
- Database Management: MySQL, Oracle SQL Developer
- Development Tools: Git, Visual Studio Code, Visual Studio 2022, IntelliJ IDEA
- Software Development Methodologies: Agile, Scrum

PROJECTS

Budget Boss (Capstone Project)
- Designed and developed a financial budgeting mobile application to assist users in tracking income, expenses, and savings.
- Implemented core functionalities such as authentication, budget planning, and expense categorization, improving personal financial management efficiency.
- Streamlined collaboration using Agile methodologies (Scrum), software development lifecycle (SDLC), and utilized Git for version control, reducing development time and increasing productivity.
- Technologies Used: React Native, JavaScript, Python, Flask, SQLite

Room Booking and Event Management System
- Designed and implemented a microservices-based platform, allowing users to book rooms for events and meetings.
- Built RESTful APIs with Spring Boot, ensuring smooth user experience and reliable database integration with PostgreSQL/MongoDB.
- Scaled the system with Docker containers and ensured system reliability with comprehensive integration tests.
- Technologies Used: Java, Spring Boot, PostgreSQL, MongoDB, Docker, REST APIs, Gradle

Learning Path Creator
- Developed a web application allowing users to compile curated learning paths from multiple resources.
- Implemented a voting system and community-driven content, fostering collaboration and knowledge sharing.
- Enhanced security and followed the SDLC, ensuring safe and efficient development processes.
- Technologies Used: PHP, MySQL, HTML, CSS, JavaScript, Materialize CSS

EDUCATION

Computer Programming and Analysis, Advanced Diploma   **Sept 2021 – May 2025**
George Brown College, GPA: 3.97   *Toronto, Canada*
Relevant coursework: Full-Stack Development II, Advanced Database Management, Advanced Object-Oriented Programming, Agile Software Development, Mobile Application Development II, Data Structures and Algorithms

PROFESSIONAL WORK EXPERIENCE

Data Entry Operator and Lab Attendant 1   **Sept 2020 – Present**
Public Health Ontario   *Toronto, Canada*
- Scanned and organized health records, contributed to efficient management of patient information, and ensured compliance with privacy regulations and data security protocols.
- Unpacked and arranged specimens for transfer to subsequent departments, facilitating seamless progression of samples within laboratory, and expediting their analysis and utilization by other healthcare units and research teams.
- Provided acquisition and technical validation of patient information and laboratory samples and requisitions into the Laboratory Information System (LIS) and Public Health systems (Laboratory Results Management Application).

Assistant Sales and Operations Manager   **Feb 2017 – Aug 2019**
West Elm   *Toronto, Canada*
- Managed daily operations for a retail store with 20+ employees and $10M annual revenue.
- Coached a team of 10+ sales associates, boosting performance and customer satisfaction.
- Trained and supervised 7+ stock associates, ensuring compliance with policies and procedures.