

Kevin Dang

56 Marbleseed Cres, Brampton, ON, L6R 2J8
437-477-3946

dankevin@sheridancollege.ca | <https://kevindang12.github.io/kevin-website>
www.linkedin.com/in/kevin-dang-comptech | <https://github.com/KevinDang12>

Summary of Qualifications

- Ability to troubleshoot bugs in my code using debugging/testing tools, consistently write useful documentation, and follow best practices in my software projects
- Ability to design and build applications such as my personal website from the ground up; from the prototyping UX stage using Adobe XD, to the implementation stage using front-end libraries/frameworks

Work Experience

Software Engineering Research Assistant | Healthcare System R&A | May – July 2023

- Contributed to a Brain-Computer Interface Project for Stroke Rehabilitation using a Machine Learning model; designed and implemented a Maze mini-game using Python to allow patients to interact with the game using motor imagery
- Implemented baseline correction as a data-cleaning method to process and improve data quality for analysis

Teaching Assistant | Sheridan College | September – December 2022

- TA'd in Java (Object Oriented Programming), Computer Math, and Web development courses
- Collaborated with my co-workers in updating the official Sheridan College website; through close communication with stakeholders, I added content and implemented new time management functionality

Technical Skills

- Proficient in technologies such as JavaScript, HTML, CSS, Java, React, Python, Bash Scripting, and knowledge of database design principles (SQL and relational databases); knowledge of AWS services
- Knowledge of Agile methodology, experience in developing full-stack web apps, and using version control technologies (Git, GitHub)
- Experienced with Object-Oriented Programming, as well as Windows and Linux command-line interfaces

Education

Advanced Diploma, Computer Engineering Technology
Sheridan College

2020 – Present

Side Projects

I have worked on many side projects outside of class, and they can be found on my [portfolio website](#) (which itself is built using React and hosted on GitHub pages) or my [GitHub repositories](#)

Minesweeper Game

- A Minesweeper Web App Game created using JavaScript and React; it is hosted on AWS, utilizes the React Bootstrap library, and includes a backend server that was built using Node.js with the Express framework. The server is used to save or load the user's progress. The web game can be accessed [here](#)
- Utilized knowledge of RESTful web APIs for server-client communication