

Kevin Dang

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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 such as Bootstrap

Work Experience

Teaching Assistant

September – December 2022

Sheridan College

- 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
- Assisted students with Java programming and front-end web development by hosting tutorials, group reviews, and one-on-one sessions; answered students' questions during lectures

Technical Skills

- Proficient in technologies such as JavaScript, HTML, CSS, Java, React, Python, C++, and knowledge of database design principles (SQL and relational databases)
- 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

2020 – Present

Sheridan College

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

Android App

- An Android notepad app, users may create multiple different notes and encrypt them with a password for security; the hash of the user's password is used as the key for the encryption algorithm. A video demonstration can be found [here](#)