

# Kevin Dang

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## Summary of Qualifications

- Ability to troubleshoot bugs in my code using debugging tools, consistently wrote useful documentation, and followed best practices in my software projects, such as in my personal website
- Prototyped my personal website using design principles with a creative graphical user interface and built it from that mockup using front-end development tools and libraries such as Bootstrap
- Consistently demonstrate initiative and technical aptitude by working on many personal side projects, such as an Android notepad application, and a minesweeper web app game with a back-end server

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## Work Experience

Teaching Assistant

September – December 2022

Sheridan College

- TA'd in Java (Object Oriented Programming), Computer Math, and Web development courses
- 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
- Contributed to updating the official Sheridan College website, utilizing HTML to add new functionality

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## Technical Skills

- Proficient in programming languages such as JavaScript, HTML5, CSS3, Java, C, Python, and knowledge of database design principles (SQL and relational databases)
- Experience in developing full stack web and Android applications, using version control technologies (Git, GitHub)
- Knowledge of Object-Oriented Programming, as well as Windows and Linux command-line interfaces

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## Education

Advanced Diploma, Computer Engineering Technology

2020 – Present

Sheridan College

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## 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 back-end server that was built using Node.js with the Express framework. The web game can be accessed [here](#)

### *Android App*

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