

Kevin Dang

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

kevindouglasdang@gmail.com | <http://www.kevindang12.com/kevin-website>
www.linkedin.com/in/kevin-dang-comptech | <https://github.com/KevinDang12>

Summary of Qualifications

- Ability to identify/troubleshoot bugs in my code using debugging/testing tools across different browsers, consistently write useful documentation, and follow best practices in my software projects
- Ability to creatively design, build, and deploy applications such as my personal website; from the prototyping UI/UX stage using Adobe XD, to the implementation stage using various libraries/frameworks

Work Experience

Junior Programmer (Co-op) | Screen Industries Research and Training Centre | January – April 2024

- Helped develop a mobile app to capture the user's response time when presented with a stimulus using the Unity Game Engine and C#; wrote technical documentations detailing the Unity components
- Developed a Unity plugin that helps to generate character animation using an AI-powered audio prompt

Software Engineer (Co-op) | Healthcare Systems R&A | May – July 2023

- Contributed to a Brain-Computer Interface for Stroke Rehabilitation using a Machine Learning AI model; implemented a mini-game using Python to allow patients to interact with the game using motor imagery
- As a team lead, I implemented baseline correction as a data-cleaning method to process and improve data quality for the Machine Learning model using Python

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; obtained requirements from stakeholders to implement new time management functionality using HTML and CSS

Technical Skills

- Proficient in technologies such as Java, JavaScript/TypeScript, React, XML, HTML, CSS, Node.js, Docker, Python, C#; knowledge of SQL and relational databases, as well as AWS
- Knowledge of Agile methodology, experience in developing front-end web applications, and using version control technologies (Git, GitHub) in a professional environment
- Experienced with using Windows and Unix command-line interfaces

Education

Advanced Diploma, Computer Engineering Technology
Sheridan College

2020 – 2024
GPA: 3.86/4.0

Side Projects

I have worked on many side projects in my spare time, and they can be found on my [portfolio website](#) (which itself is built using React and contains an OpenAI chatbot) or my [GitHub repositories](#)

Notepad App

- A React Notepad App with third-party Google user authentication, it is accessible through a website hosted on Amazon Web Services [here](#)
- It includes a cloud backend server built using Node.js with the open-source Express framework. The server stores, saves, and loads the user's notes, using RESTful APIs for server-client communication
- The notes are cross-platform and synced to a [Windows desktop](#) and native [Android](#) notepad app via cloud backend