

KAI WANG

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Skills

Languages: Python, JavaScript, C++, Java, C#, SQL, HTML/CSS, Visual Basic, C

Technologies/Tools: React.js, Angular, OpenAI, Git, Unreal Engine, Visual Studio Code, Eclipse

Professional Experience

U+ Education

Toronto, ON

Web Developer

Jan 2022 – April 2022

- Lead a team of 7 web developers and managed their everyday work/progress
- Designed, built, and maintained a fully responsive business website using **React.js**
- Independently developed and taught a coding course in **Python** to over 20+ students
- Created website infrastructure and client/server communication using **Angular** and **SQL**

ACE Health Care

Vancouver, BC

Front End Developer Contractor

June 2021 – Aug 2021

- Constructed an interactive and multi-platform business website using WordPress
- Designed an aesthetically pleasing user-friendly UI with minimal functionality compromises

Projects

Mind-Speech Interface

Waterloo, ON

Software Development

Sept 2021 – Present

- Developed a speech rendering BCI involving action-classification via EEG signal analysis
- Created a SSVEP interface capable of mind-to-AI communication in **Python** using PyQt and **OpenAI**

Personal Website

github.com/k429wang/k429wang.github.io

Web Development

Jan 2022 – Feb 2022

- Constructed a responsive website using **React.js** with multi-platform compatibility
- Implemented interactive user features using a desktop-first approach and component-based design

Trivia Bot

github.com/k429wang/Trivia-Bot

Software Development

Feb 2022 – April 2022

- Created a trivia application using **Python** and the Open Trivia Database API
- Implemented the program into a discord bot using the discord.py and async.io libraries

Education

University of Waterloo

Sept 2021 - Present

Bachelor of Applied Sciences in Computer Engineering – GPA: 3.78