KAI WANG

K429wang@uwaterloo.ca | 416-912-1968

Skills

Languages: Python, JavaScript, C++, Java, C#, HTML/CSS, Visual Basic, C
Technologies/Tools: React.js, Angular, OpenAI, Git, Unreal Engine, Visual Studio Code, Eclipse

Professional Experience

U+ Education
Web Developer

Toronto, ON
Jan 2022 – April 2022

· 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
Front End Developer Contractor

Vancouver, BC
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
Software Development

Waterloo, ON
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
Web Development

github.com/k429wang/Personal-Website
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
Software Development

github.com/k429wang/Trivia-Bot
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
Bachelor of Applied Sciences in Computer Engineering

Sept 2021 - Present