

Kai Wang

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github.com/k429wang

SKILLS

- **Languages:** C++, Python, HTML/CSS, Java, C#, Visual Basic
- **Applications/Tools:** Git, Unreal Engine, Visual Studio Code, Eclipse, WordPress, Excel

PROJECTS

- **Personal Website** github.com/k429wang/Personal-Website
Web Development *July, 2021 - Present*
 - Developed a unique personal website using **HTML**
 - Designed a user friendly interface with **CSS**
 - Implemented features such as parallax scrolling and embedded links
- **Flappy Bird** github.com/k429wang/Flappy-Bird
Game Development *July 2019 - August 2019*
 - Replicated the popular mobile game “Flappy Bird” using **Python**
 - Utilized Object Oriented Programming and realistic 2D physics to increase game quality
- **Dungeon of Moss** github.com/k429wang/Dungeon-of-Moss
Game Development *Oct 2018 - Jan 2019*
 - Built an original 2D bullet hell game called “Dungeon of Moss” using **Visual Basic**
 - Implemented features such as animated entities and collision detection to create a smoother game play experience

EXPERIENCE

- **ACE Health Care** Vancouver, BC
Front End Developer *July 2021 - Aug 2021*
 - Constructed an interactive business website which acts as a central information hub for clinical patients
 - Designed an aesthetically pleasing user interface using **WordPress**
 - Collaborated closely with the client to satisfy any specific requests
- **Mathnasium** Aurora, ON
Math Instructor *Nov 2019 - June 2021*
 - Personally responsible for instructing up to 3 students, of a variety of ages (Grades 1-11), at a given time
 - Often worked collaboratively with other instructors to teach difficult material, mark assignments, and organize student resources
 - Created engaging online lessons during COVID-19, which included video calls, shared drawing pads, and interactive math enrichment activities

EDUCATION

- **University of Waterloo** Waterloo, ON
Candidate for Bachelor of Applied Science (BAs) in Computer Engineering *September 2021 – April 2026*
 - Recipient of University of Waterloo President’s Scholarship (\$2 000)
- **Dr. GW Williams Secondary School** Aurora, ON
High School Diploma *September 2017 – June 2021*
 - Vice President of the Student Council
 - Co-Founder and Co-President of Debate Club
 - Vice President of DECA Club