
Jiaming Wang

Student

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GitHub: <https://github.com/jiamingwangnet>

PERSONAL STATEMENT

I am a proactive student seeking a software engineering internship, backed by a solid background in languages like **C++**, **Python**, and **JavaScript**, as well as experience with frameworks like **React** and **Unity Engine**. My passion extends to areas like **machine learning** and **AI**. With a track record of independent projects showcased on my GitHub (<https://github.com/jiamingwangnet>) and website (<https://jiamingwang.net>), I'm eager to apply my skills, learn from seasoned professionals, and contribute meaningfully to a dynamic team.

I am persistent and focused worker that is comfortable with tackling a range of problems. I wish to obtain experience by working and observing in my work environment. Additionally, I aspire to gain more independence and basic organizational skills in life. I hope that having experience with employment will help me achieve these goals.

SKILLS

- **Programming Languages:** C++, JavaScript, Typescript, HTML, CSS, Python, Java, C, C#
- **Frameworks:** React, .NET, Unity, Bootstrap, OpenGL
- **Mobile Tech:** React Native, Cordova, Electron
- **Database:** MongoDB
- **Version Control:** Git
- **Operation Systems:** Windows, Linux, MacOS, Android
- **Tools:** AWS, Docker, NodeJS, Firebase, Excel, GNU Bash, Arduino, Blender, PyTorch
- **Others:** Piano

PROJECTS

- **SnakeAI:** A deep-learning AI trained to excel in the classic game Snake.
<https://github.com/jiamingwangnet/SnakeAI>
- **WontonEngine:** A game engine designed to enhance the development of video games.
<https://github.com/jiamingwangnet/WontonEngine>
- **SnekOS:** A 64-bit operating system designed to run Snake as well as other tools
<https://github.com/jiamingwangnet/snekos>

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- **Number Classifier:** A neural network trained on the MNIST handwritten numbers to classify 28x28 bitmap images of numbers.

<https://github.com/jiamingwangnet/number-classifier>

See more projects on <https://jiamingwang.net/projects> and <https://github.com/jiamingwangnet?tab=repositories>

GAMES

- **Lights Out:** Made for a game design competition winning first place.

<https://jiamingwang.net/games/lightsout>

- **Cube Shooter:** A first person shooter made using Unity.

<https://jiamingwang.net/games/cubeshooter>

See more games on <https://jiamingwang.net/games>

EXPERIENCE

Clean Up Australia - Volunteer

November 2023

- Worked in a teamwork heavy environment
- Communicated with other members to achieve a common goal of keeping the environment safe and litter free

EDUCATION

The University High School, 77 Story St, Parkville VIC 3052

JANUARY 2021 – PRESENT

- Studied *Algorithmics and Artificial Intelligence*

AWARDS AND CERTIFICATES

- *Australian Informatics Olympiad* bronze winner (2022).
- *1st place winner in school game design competition* (<https://jiamingwang.net/games/lightsout>), awarded with \$200 gift card (2022)
- Passed *Australian Music Examinations Board* Piano Grade 8 Comprehensive exam (2023).