

Hardison Wang

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Halifax, Nova Scotia, B3K 0J2

OBJECTIVE

Software Development, Full Stack Developer, Network Security, Network Engineering

EDUCATION

Computer science (Master's degree)

Dalhousie University • Halifax, Nova Scotia

Expected Graduation: May 2025

- Conducting research on network security within the Network Information Management and Security (NIMS) Laboratory
- Leading a cutting-edge project aimed at **revolutionizing network defence strategies** by employing Machine Learning within a simulation environment using Python
- Innovating the development of using Evolutionary Strategy to bolster cybersecurity defences against evolving threats

Computer science (Bachelor's degree)

Dalhousie University • Halifax, Nova Scotia

Sep 2020 - Jul 2023

- Completed Certificate in Web and Mobile Development
- Completed Certificate in Communication Technologies and Cyber Security

Computer science (Bachelor's degree)

Acadia University • Wolfville, Nova Scotia

Sep 2019 - Apr 2020

SKILLS

- **Technical Proficiency:** Proficient in **Python** for cybersecurity applications and research; Intermediate knowledge of **networking and cybersecurity** principles, including basic configurations, security best practices, and threat mitigation. Proficient in **JavaScript, PHP, React**, and **SQL** for **full-stack development**. Comfortable with Java and C, and rapidly acquired C# for Unity development. **AWS Certified Cloud Practitioner**. Use **Git** for code management. Proficient in using **generative AI** tools. Proficient in **Wordpress**.
- **Analytical Abilities:** Applied **critical thinking** and **problem-solving** skills to both academic research and competitive scenarios, achieving significant results
- **Team Leadership:** Demonstrated **strong leadership capabilities**, guiding diverse teams in high-stress academic and competitive environments. Cultivated **effective communication** channels between team members, faculty, and students
- **Agile learner:** Exhibited an exceptional ability to **assimilate new skills** swiftly, **adapting to new technologies** and concepts as evidenced by learning C# for game development competition within **7 days**
- **Work Ethic & Time Management:** Able to **work under pressure**, meet deadlines, and effectively **prioritize tasks** to ensure project completion.

WORK EXPERIENCE

Software Developer (Remote)

Oct 2024 - Present

Creative Minds Studio • Saskatoon, Saskatchewan

- Developed and maintained full-stack web solutions using WordPress, JavaScript, PHP, HTML, and CSS.
- Customized WordPress beyond built-in tools to meet specific requirements.
- Ensured responsive design, optimized performance, and provided ongoing website maintenance.

Teaching assistant, university

Sep 2020 - Mar 2025

Dalhousie University • Halifax, Nova Scotia

- Head Teaching Assistant, led 5 TAs from **different culture backgrounds** in delivering weekly lab sessions on JavaScript, React, HTML and PHP.
- Developed teaching materials to make challenging web development concepts more accessible for all students.
- Trained other TAs to make the team work well together and support student learning.
- Helped students during office hours, marked assignments and provided helpful feedback.

AWARDS AND HONOURS

Brackeys Game Jam

2023

- Co-developed 'Dreamscape-Dive', a 2D platformer game, during a challenging 7-day game jam, **collaborating effectively** with a six-member team from diverse cultural backgrounds
- Contributed to **game design and development**, learning and applying **Unity** and **C#** swiftly, while integrating designs using Adobe Photoshop
- Game Introduction: <https://itch.io/jam/brackeys-10/rate/2236545>
- Game Page: <https://cryintomato.itch.io/dreamscape-dive>
- GitHub Repo: <https://github.com/yunflow/dreamscape-dive.git>

CyberSci - Canada's Cyber Security Challenge

2023

- Played a key role in team 'Meltdown', which secured **second place** at a national cybersecurity challenge representing Dalhousie University
- **Collaborated** with a five-member team from various cultural backgrounds
- Solved complex challenges on Web Applications, Steganography and GPT Jail-break

Dalhousie Graduate Scholarship

2023

Honoured with scholarship in recognition of academic performance and research potential. Fully covered graduate study.

WORK-LIFE BALANCE

Practicing Kendo (Japanese Fencing) every week.