

Emily Qi

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EDUCATION

University of Waterloo

Sep 2024 – expected Apr 2029

Candidate for Bachelor of Computing and Financial Management, Honours

- Double major in Computer Science and Finance
- Finance Coordinator at UW/UX, Consultant at NPO Consulting, Equity Research Analyst at UW Finance Association, Program Representative at Math Endowment Fund Funding Council, Autonomy Developer at Waterloo Aerial Robotics Group

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, HTML, CSS, VBA, Racket

Libraries and Frameworks: React, Material UI, Tailwind CSS, Framer Motion, pandas, NumPy, Matplotlib, yfinance

Tools: Git, GitHub, VS Code, Eclipse, Jupyter Notebook, Figma, Firebase, Cloudflare, Vercel

EXPERIENCE

Project Manager

Aug 2024 – present

Linens N Love

- Driving strategic partnerships with hotels, shelters, and professionals to amplify organization's social impact
- Spearheaded logistics coordination for 2-minute film production in collaboration with the Public Interest Registry

Co-Founder and Executive Director

Oct 2020 – present

LunarHacks

Ottawa, ON

- Led teams of 10+ students to host 3 hackathons, engaging 600+ participants worldwide
- Orchestrated end-to-end event planning, managing budgets, outreach, and logistics to ensure seamless execution
- Facilitated stakeholder engagement with sponsors, speakers, volunteers, and participants, driving a 97% attendee satisfaction rate

Data Automation & Analytics Intern

Jul 2023 – Aug 2023

Nokia

Ottawa, ON

- Automated data validation processes with VBA, reducing team's project workload by 95%
- Automated monthly exports of Power BI visualization data using Power Automate, enabling faster data delivery
- Developed interactive Power BI dashboards to visualize real estate statistics for properties in 130 countries

PROJECTS

Market-Meeting Robo-Advisor | Python, pandas, Matplotlib, yfinance

Nov 2024 – Dec 2024

- Devised algorithm to strategically choose 16 stocks from a list of tickers and red herring strings to build a portfolio mirroring returns of TSX 60 AND S&P 500 indices
- Justified stock selection through statistical analysis, visualizations, and financial concepts

'visionPrep | React, Material UI, Figma, Firebase

Oct 2023 – Jun 2024

- Automated Vice Principal's supervision schedule generation process and cut required time commitment by 99.3%
- Authored key project deliverables, including Concept Plan, Project Plan, design proofs, Software Design Document, sprint retrospective reports, and sprint plans for enhanced development transparency and project management

AgriPlant | HTML, CSS, Javascript, Canva, Firebase

Aug 2023

- Created web game with teammate over 36 hours and won **Best Design Award at Katy Youth Hacks 2023**
- Developed interactive features such as trivia, educational cards, and simple agricultural simulations to engage players in sustainable farming practices

AWARDS AND CERTIFICATIONS

Lieutenant Governor's Community Volunteer Award, Merivale High School

Jun 2024

- Recognized as the top graduating student volunteer at Merivale High School for exceeding requirements with 850+ hours of community service

Diplôme d'études en langue française (DELF) B2, France Éducation International

Jan 2024