Tairan Xi

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Engineering Co-op Program

Academic and Co-op Status

BSc, Software Engineering - Co-op
University of Alberta
Class of 2027

GPA	3.5/4.0
Completed Academic Terms	4/8
Completed Co-op Work Terms	0/5
Length of next work term	4 months

Available starting May 2024

Achievements

- Award of Alexander Rutherford Scholarship - 2022
- First-Class standing, 2022- 2023

Technical Skills

Programming Languages
- Python, Java, HTML, CSS, CPP

Software Knowledge
- Microsoft Office: Excel, Word, PowerPoint

Development Tools
- Visual Studio Code, Microsoft visual studio, Git hub, Eclipse, Spyder, Replit

Language Skill
- Mandarin (Native proficiency) -Fluent in spoken and written Mandarin

Hobbies and Interests

- Cooking
- Cycling
- Building computers and keyboards
- Chinese language and Culture
- photograph

Club Involvement

Member- Eco car club, Edmonton, AB   Sep 2023 - Present
- Committed to continuous learning and hands-on experience of designing key electrical components and systems from scratch, including those essential for optimizing fuel cell efficiency, energy management, and vehicle performance.
- Actively participated in outreach events aimed at sharing ecocar and discipline course information with public, including high school and junior high school students.
- Implemented a modular ImGui-based user interface component for knob controls in C++, enhancing code organization and maintainability.

Member- Starr club, Edmonton, AB   Sep 2023 - Present
- Collaborated with a dynamic software development team to contribute Git expertise and C++ knowledge for tracking and control of Rocket Ringo III project.
- Demonstrated dedication to both software development and club's goals, fostering a spirit of innovation and teamwork.
- web transfer and maintenance from existing project.

Member- Computer Engineering Club, Edmonton, AB   Sep 2023 - Present
- Engaged as an enthusiastic member of the Discipline Club, participating in a range of activities and initiatives aimed at promoting discipline, responsibility, and personal growth among fellow students.

Project Experience

Personal Website
- Developed and maintained a personal website showcasing my information from scratch.
- Integrated social media links, Incorporated Font Awesome icons for a modern and cohesive design, displaying documents to enhance user engagement.

Redesign of a Transit Center- Engg160 | Jan 2023 - Apr 2023
- Stakeholder Manager of team, provides a list of requirements and constraints when redesigning LRT station, and ensures all requirements and constraints are fulfilled during working process.
- Cooperated with 5 team members to accomplish different process of design project, problem framing, project proposal, project sketch, solution ideation, and video report.

Work Experience

Crew lead- Spice and Aroma (full time seasonal), Calgary, AB   Jul 2023 - Sep 2023
- Served and cooked for over 200 customers per shift efficiently, while ensuring quality and food safety standard was maintained.
- Provided hands-on instruction and guidance to ensure proper preparation of dishes, adherence to food safety standards, and consistent delivery of high-quality meals to customers.
- Designed and delivered comprehensive training sessions to impart cooking skills, menu knowledge, and food safety protocols, ensuring onboarding of new team members.

Member- Oishii shushi（part time), Calgary, AB   Jun 2021 - Sep 2021
- Managed and served over 30 tables per shift in a fast-paced, high-volume restaurant, meeting customer service standards and exceeding guest expectations.
- Demonstrated exceptional multitasking skills, balancing multiple tasks such as order accuracy, drink service, and customer inquiries while sustaining a positive and friendly demeanor.
- Cooperated closely with kitchen staff and fellow servers to optimize workflow, resolve challenges, and maintain smooth restaurant operations during peak hours.