Kaylee Xiao

Calgary, AB | (403) 671-8225 | kayleexiao4@gmail.com | linkedin.com/in/kaylee-xiao | github.com/kayleexiao

Skills Summary

Languages: Python, Java, TypeScript, Assembly, SQL, JavaScript, HTML, CSS, Dart
Technologies / Frameworks: Git/GitHub, React, Node.js, Flutter, Django, MySQL, PyTorch, Figma
Soft Skills: Teamwork, Adaptable, Communication, Time Management, Problem Solving, Patient

Education

University of Calgary - Bachelor of Science in Computer Science   *Sept 2022 - Present*
• Enrolled in the Science Internship Program
• **Relevant Coursework:** Data Structures & Algorithms, Object-Orientated Design, Computing Machinery, Information Security & Privacy, Database Management Systems, Machine Learning in Biometric Security

Work Experience

Research Assistant | University of Calgary GSI Lab   *May 2025 - Present*
• Contributing to an Alberta-based Sentinel-2 land cover classification project, implementing deep learning models (e.g., UNet, HRNet) for pixel-level classification. Worked on data preprocessing, model training, and evaluation using Python, PyTorch, and geospatial tools. Supported environmental monitoring through iterative model development and accuracy analysis.

Projects

PetPals - *Mental Health Platform (github.com/ryanwoong/PetPals.git)*   Hack the Change YYC 2024 Hackathon
• Focused on front-end development to design an interactive platform where users can share journal entries, connect with a supportive community, and engage with gamified features, using React, Figma, and Mantine for a seamless interface.
• Used Firebase and Express.js for the backend, integrating the Gemini API to assign tags and personalize the "For You" page, and collaborated with a team of 5 to complete the project within a 24-hour timeframe.

RevRentals - *Rental Management Platform (github.com/aeMyst/RevRentals.git)*
• Designed and implemented a relational database schema using MySQL, supporting user profiles, reservations, and transactions by creating complex SQL queries for CRUD operations and relational joins, ensuring efficient data management.
• Integrated and developed a full-stack rental platform by connecting a Django REST Framework backend with Flutter front-end components, building RESTful APIs for user authentication and notifications, and collaborating with a team of 4 to deliver functionality for renters, sellers, and administrators.

Personal Portfolio Website - *Website Link* (github.com/kayleexiao/kaylee_portfolio)
• Built and deployed a responsive personal portfolio using Next.js, TypeScript, and Tailwind CSS with reusable components, light Framer Motion animations, dynamic project pages, and Vercel hosting, improving mobile UX, and visual consistency.

Involvement

Jr. VP Marketing | Women in Cybersecurity Club   *September 2024 - Present*
• Promoted and supported club events, including networking sessions and hackathons, by coordinating marketing efforts, engaging with students through social media and outreach, and assisting with event planning and on-site activities, increasing attendance and club visibility.

FitQuest - *Fitness Tracking Application (github.com/kayleexiao/FitQuest.git)*
• Designed and developed a mobile-friendly fitness tracking platform focused on user interface and experience using Figma, React, JavaScript, HTML, and CSS, featuring custom workout creation, progress tracking, and calendar-based history while leveraging local storage for seamless functionality.

GongCha   *September 2023 - Present*
• Delivered excellent customer service by effectively communicating with customers, managing transactions efficiently, and collaborating with team members to handle high-volume orders, ensuring smooth operations and maintaining high service standards.

GongCha   *September 2023 - Present*
• Provided excellent customer service by effectively communicating with customers and managing transactions efficiently, ensuring smooth operations and customer satisfaction.
• Worked with team members to handle high-volume orders, improving multitasking and maintaining high service standards.

Jr. VP Marketing | Women in Cybersecurity Club   *September 2024 - Present*
• Promoted club events by coordinating marketing efforts with a team and engaging with students through social media and on-campus outreach, resulting in increased event attendance and greater club visibility.

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Technologies / Frameworks: Git/GitHub, Figma, React, Node.js, MySQL, Flutter, Django,
Soft Skills: Teamwork, Communication, Time Management, Problem Solving, Openminded, Patient, Adaptable

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FitQuest - *Fitness Tracking Application (github.com/kayleexiao/FitQuest.git)*
• Collaborated with a team to design and develop a mobile-friendly fitness tracking platform, using Figma for UI/UX design and implementing the front-end with React, JavaScript, HTML, and CSS, ensuring an intuitive and accessible user experience.

• Applied Task-Centered System Design (TCSD) principles to develop key features, including custom workout creation, progress tracking, and a calendar-based history, ensuring a seamless workflow tailored to user tasks while leveraging local storage for data persistence and offline accessibility.

Prison Escape - *Python*
• Developed a 2D prison escape game using Python and Pygame in PyCharm, implementing logic-based gameplay with player controls and guard detection systems to create an engaging challenge.

Local Market Place System - *Java*
• Developed a Java-based checkout system with a Swing GUI for efficient item management and accurate transaction processing using a weight-checking system linked to a database.
• Collaborated with a team of 20, focusing on front-end design, user interaction, database integration, and handling unexpected system behaviours.

Involvement

Jr. VP Marketing | Women in Cybersecurity Club Univseristy of Calgary Chapter   *September 2024 - Present*
• Promoted and supported club events, including networking sessions and hackathons, by designing engaging marketing materials using Canva, managing social media outreach, and increasing attendance and visibility.
•Captured high-quality photos and videos at events to enhance promotional content, while assisting with event planning and on-site activities to ensure smooth execution and engagement.
•Collaborated with club members to plan and organize events, coordinating responsibilities, brainstorming ideas, and ensuring seamless execution to enhance student participation and club impact.

Work Experience

GongCha   *September 2023 - Present*
•Provided exceptional customer service by effectively communicating with customers, managing transactions with 99% accuracy, and ensuring smooth operations during high-volume periods.
•Collaborated with team members to efficiently process 100+ orders per shift, maintaining 95%+ customer satisfaction ratings and upholding high service standards.

Truedan   *September 2022 - September 2023*
• Independently managed store operations during shifts, overseeing inventory restocking, tracking product levels to maintain optimal stock, and ensuring high-demand items remained available to reduce shortages by 10% and operational expenses by 50% per shift.
• Entrusted with store keys and cash management, performing opening and closing duties, addressing customer inquiries, and balancing registers with 99% accuracy, while securely handling over $250 in daily transactions.

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Work Experience

GongCha | Customer Service Associate *September 2023 - Present*

•Provided exceptional customer service by effectively communicating with customers, managing transactions with 99% accuracy, and ensuring smooth operations during high-volume periods.
•Collaborated with team members to efficiently process 100+ orders per shift, maintaining 95%+ customer satisfaction ratings and upholding high service standards.

Truedan | Customer Service Associate *September 2022 - September 2023*

• Independently managed store operations during shifts, overseeing inventory restocking, tracking product levels to maintain optimal stock, and ensuring high-demand items remained available to reduce shortages by 10% and operational expenses by 50% per shift.
• Entrusted with store keys and cash management, performing opening and closing duties, addressing customer inquiries, and balancing registers with 99% accuracy, while securely handling over $250 in daily transactions.

Pizza 73 - Calgary Stampede | Customer Service & Food Prep *Annually June 2022 - Present*

• Delivered fast, friendly service to large crowds by staying attentive, communicating clearly, and working quickly, which kept lines moving and ensured guests had a positive experience.
• Prepared food and handled cash transactions by following food safety guidelines and properly counting and reconciling cash at the end of shifts, helping maintain product quality and minimizing discrepancies.

Research Assistant | University of Calgary GSI Lab *May 2025 - Present*

• Contributing to an Alberta-based Sentinel-2 land cover classification project, implementing deep learning models for pixel-level classification. Worked on data preprocessing, model training, and evaluation using PyTorch and geospatial tools. Supported environmental monitoring through iterative model development and accuracy analysis.

Involvement

VP Marketing | Women in Cybersecurity Club *September 2024 - Present*

• Promoted and supported club events, including networking sessions and hackathons, by coordinating marketing efforts, engaging with students through social media and outreach, and assisting with event planning and on-site activities, increasing attendance and club visibility.

Education

University of Calgary - Bachelor of Science in Computer Science *Sept 2022 - Present*
• Enrolled in the Science Internship Program

Certifications

Alberta Food Safety Basics for Special Events – *Valid [2028]*

Skills Summary

• **Customer Service & Communication** – Friendly, attentive service with strong guest relations and teamwork.
• **Fast-Paced Efficiency** – Adaptable multitasker who maintains high standards and a clean workspace under pressure.
• **Cash Handling & Operations** – Accurate with POS systems, transactions, and food safety protocols.