JESSICA TRAN

jessica.tran3@ucalgary.ca | https://github.com/J-essicaTran | www.linkedin.com/in/j-essicatran
Calgary, AB | (403)-861-5493

SUMMARY OF SKILLS

Software: Proficient in C/C++ programming with familiarity in Python and Java, as well as experience in HTML and CSS for web development. Skilled in interface design, illustration, and 3D modeling software, including Figma, Medibang, Adobe Photoshop, and ZBrush.

Teamwork & Communication: Cooperative and adaptable team member, experienced in working with groups of up to 2-5 people to efficiently complete projects through effective collaboration, strong communication, and teamwork skills.

Problem Solving: Adept at finding creative solutions to challenging problems with critical thinking. Exhibits professionalism and composure in problem-solving with peers and teams.

EDUCATION

University of Calgary   Expected Graduation: 2025 (With Internship)
Bachelor of Science in Computer Science   *Calgary, Alberta*
- Relevant Courses: Data Structures and Algorithms, Computing Machinery, Theoretical Foundations, Programming Paradigms, Principles of Operating Systems, Design and Analysis of Algorithms, Database Management Systems, Computer Graphics, Computer Networks, Human-Computer Interaction
- Award/Scholarship: Alexander Rutherford Scholarship (2020) and Jason Lang Scholarship (2020)
- Concentration in Computer Game Development
- Enrolled in Science Internship Program

FIELD-RELATED PROJECT EXPERIENCE

Project Team Member   January 2023 – April 2023
Human-Computer Interaction I (CPSC 481)   *Calgary, Alberta*
- Collaborated with a team to design and develop a website for a library, facilitating inventory browsing and book check-in/check-out processes with a primary focus on improving UX/UI
- Implemented task-centered system design (TCSD) principles throughout the project
- Utilized a range of prototyping techniques: low-level (paper sketch prototyping), mid-level (wire-framing with Figma), and high-level (HTML, CSS) prototyping
- Conducted usability walkthroughs to identify and address usability bugs, continuously improving our prototypes

Project Team Member   September 2022 – December 2022
Database Management Systems (CPSC 471)   *Calgary, Alberta*
- Collaborated with a team to design a financial management tool to aid students in financial stability by organizing, regulating and monitoring transactions, thereby helping students attain their financial goals and security
- Acquired hands-on experience in project proposal development, database modeling (entity-relationship and relational), and web development programming languages such as HTML, CSS, and SQL

Project Leader and Project Team Member   January 2021 – April 2021
Computing Machinery II (CPSC 359)   *Calgary, Alberta*
- Led a two-member team on a video game project using Raspberry Pi

- Recreated the classic game Frogger using C/C++, compatible with the SNES controller
- Designed 2D illustrations for video games throughout the development process
- Acquired experience with Raspberry Pi, game development, and all aspects such as environment, logic, state, transitions, interface, and documentation

Project Team Member   January 2020 – April 2020
Introduction to Computer Science (CPSC 233)   *Calgary, Alberta*
- Collaborated with a team to recreate the classic game Battleship using Java programming
- Designed 2D illustrations and created user-friendly GUI
- Delivered a live presentation and demonstration of the game to showcase its features

OTHER EXPERIENCE

Saigon Moon   September 2013 – August 2023
Assistant Chef   *Black Diamond, Alberta*
- Assisting as a chef in meal preparation and cooking, including special diets as directed
- Demonstrated ability to work efficiently and effectively under time pressure in a fast-paced environment
- Managed food inventory by preparing meals in a highly efficient manner

Booster Juice   August 2018 – June 2019 | May 2022 – August 2022
Smoothie Tech   *Okotoks, Alberta*
- As a shift leader, successfully managed opening and closing shifts and delegated tasks to team members, fostering a positive and productive work environment
- Delivered exceptional customer service, managed cash transactions, and maintained high levels of customer satisfaction
- Demonstrated ability to perform efficiently and effectively in a fast-paced environment, handling time constraints with ease
- Ensured proper inventory through effective preparation and execution of food preparation

Freshii   March 2018 – August 2018
Food Service Worker   *Okotoks, Alberta*
- As a shift leader, successfully managed opening and closing shifts and delegated tasks to team members, fostering a positive and productive work environment
- Delivered exceptional customer service, managed cash transactions, and maintained high levels of customer satisfaction
- Demonstrated ability to perform efficiently and effectively in a fast-paced environment, handling time constraints with ease
- Ensured proper inventory through effective preparation and execution of food preparation

INVOLVEMENT

The Residence Rainbow Council   September 2021 – April 2022
Junior Executive   *Calgary, Alberta*
- Engaged with the University of Calgary residence community and helped students feel connected within residence by creating an inclusive, warm, and welcoming community environment