

Justin Lu

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in [linkedin.com/in/justinlucanada/](https://www.linkedin.com/in/justinlucanada/) | github.com/justinlu1 | justinlu1.github.io/Personal-Website/

Technical Skills

Languages: C++, Java, HTML/CSS, Racket

Developer Tools: Git, Visual Studio Code, LaTeX, Repl.it

Applications: Adobe Premiere Pro, Adobe Photoshop, DaVinci Resolve

Experience

Project Manager

Aug. 2020 – Dec. 2021

Quento Corporation

Ottawa, ON

- Co-founded online educational platform to provide support to over 200 students during the COVID-19 lockdown
- Oversaw development of front-end, back-end, marketing, and financial aspects by leading company meetings
- Directed project by converting long-term goals into tasks before assigning them to suitable team members

Assistant Captain

Mar. 2021 – Sept. 2021

Nepean Pirates Select

Ottawa, ON

- Led team of 23 teammates during practices and games by demonstrating drills and encouraging effort
- Mentored and accompanied younger team members through training sessions and team events
- Evaluated prospective candidates during recruitment periods by evaluating performance in games and practices

Tutor

Jan. 2021 – Apr. 2021

Nebula Net

Ottawa, ON

- Virtually tutored class of 13 young students by leading them through the Ontario Grade 5 Science curriculum
- Volunteered as part of a non-profit which raised over \$300 in donations for the Children's Hospital of Eastern Ontario
- Synthesized grade 5 Ontario curriculum into manageable and easily communicated lessons

Projects

Chess | C++

May 2021 – Jun. 2021

- Developed a fully-functional console-based chess program using C++ in adherence with OOP principles
- Designated and met individual programming targets on schedule as part of a 3-person team using a UML
- Enacted rigorous testing routines and associated driver code to ensure proper functionality of special rules

RSA Calculator | C++

Dec. 2021 – Jan. 2022

- Programmed an RSA encryption scheme calculator to help MATH135 students with practice problems
- Implemented Fermat's Little Theorem and the Euclidean Algorithm to facilitate modular arithmetic

Education

University of Waterloo

Sept. 2021 – Expected Jul. 2026

Candidate for Honours Bachelor of Computer Science

Waterloo, ON

- GPA: 4.0
- University of Waterloo President's Scholarship of Distinction Recipient
- Relevant Courses: CS135 | Designing Functional Programs,
CS136 | Elementary Algorithm Design and Data Abstraction (Ongoing)

Interests

Hockey

August 2009 – Present

West End Hockey League, Nepean Minor Hockey Association

Ottawa, ON

- Played recreational, competitive, and select level hockey for 12 years

Ultimate Frisbee

May 2015 – Present

Various associations, school teams

- Team captain for University of Waterloo's intramural Ultimate Frisbee League