

# Amy Luo

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## EDUCATION

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### University of Waterloo

Sept 2019 - Apr 2024

Bachelor of Computer Science, Honours Co-op

GPA: 3.73

Human Computer Interaction specialization, Cognitive Science minor

- President's Scholarship of Distinction
- Relevant coursework: Algorithms, Operating Systems, Sequential Programs (Compilers), User Interfaces, Data Structure and Data Management

## WORK EXPERIENCE

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### Achievers Solutions Inc.

May 2021 - Aug 2021

*Software Engineering Intern*

*Toronto, ON*

- Worked as a member of a scrum team responsible for the notification, announcement, and peer-recognition microservices of revamped [employee recognition platform](#)
- Implemented recipient selection and image upload in front-end recognition flow using JavaScript and CSS
- Used Python, Docker, Kubernetes, and gRPC to maintain admin pages for announcements microservice

### Datamond System Inc.

Jan 2021 - Apr 2021

*App Developer Intern*

*Toronto, ON*

- Implemented features for Receipts Canada app that scans invoices and receipts for easier bookkeeping: displaying receipts in list form, image upload, and previewing receipt details, using React Native

### University of Waterloo

Sept 2020 - Apr 2020

*Instructional Support Assistant for Designing Functional Programs (CS 135)*

*Waterloo, ON*

- Ran office hours and Piazza for 1700+ students; maintained course webpage using SVN and Hugo
- Assisted in designing course content to effectively introduce Racket (functional programming language)
- Tested correctness for graded assessments; wrote post-mortems for weekly assignments

*Teaching Assistant for Designing Functional Programs (CS 135)*

Jan 2021 - Apr 2021

- Responsible for grading weekly student-submitted assessments

## ACTIVITIES & INTERESTS

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### University of Waterloo, Computer Science Club (CSC)

Sept 2021 - Present

*Class of 2024 Representative*

*Waterloo, ON*

- Creating a class profile for the graduating Class of 2021; research, creating questionnaires, preliminary design
- Starting a merchandise store for CSC: contacting vendors; determining scheduling, pricing, and types of merch

University of Waterloo Bike Centre *Volunteer - Social Media Coordinator*

Summer 2020

Women in Computer Science (WiCS), UW PM

## PROJECTS

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### File Management System

- Application for browsing and displaying contents of local file system; created using Kotlin, JavaFX
- Supports most image and text extensions (for display), toggling hidden files, renaming, moving, and deleting

## SKILLS

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- **Skills/Technologies:** C++, C, Java, JavaFX, Kotlin, Python, JavaScript, Racket/Scheme, R, CSS, HTML, React, React Native, Assembly (ARM, MIPS), Adobe Creative Suite, Figma
- Fluent in English, French, Mandarin Chinese