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## EDUCATION

### University of Alberta

Bachelor of Science in Computing Science

Sep 2023 – Present

Edmonton, AB

- **Coursework:** Algorithms I, File and Database Management, Web Applications, Machine Learning I
- **Dean's Honour List:** Achieved 3.6 GPA in first and second year.
- **UR2PhD Researcher:** Studying software deduplication techniques under Prof. Paul Lu.

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## EXPERIENCE

### University of Alberta

Teaching Assistant – CMPUT 301 (Introduction to Software Engineering)

Sep 2025 – Present

Edmonton, AB

- Taught **Java** fundamentals and **Android Studio** concepts: Activities, Fragments, Views, Adapters.
- Served as **project manager** for 4 teams (**24** students) in a client-simulated project; liaised with the professor (client) and kept teams on scope and schedule to mirror industry delivery.
- Led lab walkthroughs and graded assignments for a **550+** student course.

### University of Alberta

Teaching Assistant – CMPUT 175 (Introduction to Foundations of Computation)

Jan 2025 – Jul 2025

Edmonton, AB

- Guided students on: Object-Oriented Programming (**OOP**) and Abstract Data Types (**ADTs**).
- Assisted **20+** students per lab session with programming tasks and debugging.
- Held open office hours, supporting **600+** students by addressing their **Python** coding issues.
- Invited back as a TA for **Spring & Fall 2025** based on strong Winter 2025 performance.

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## PROJECTS

### Head Movement Navigation – Chrome Extension

- **Won 1st place** in the Digital Accessibility subcategory at HackED 2025.
- Built a Chrome extension that enables hands-free web navigation via head-tracking for people with quadriplegia using **JavaScript** and **Face APIs**.

### Feelin' – Android Application

- Built an **Android** mood-tracking app (**Java, Firebase**) with emotion journaling, granular privacy controls, and an interactive map to view personal + friends' moods.
- Integrated **Google Maps SDK** and **Places APIs** to geotag entries and enable location-based mood sharing.
- Conducted **UI testing** using **Espresso** and **JUnit** to ensure a smooth and reliable user experience.

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## EXTRA-CURRICULARS

### Academic Tutor – UofA Student Union

- Tutored **five** high-school and university students in **maths and statistics**; all scored **80%+** on exams.

### Academic Cohort Leader (Computer Science) – UofA Residence Life

- Organised CS workshops and talks; led study sessions; coached students in exam prep.

### Vice President (External) – Friends across Campus Club

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## SKILLS

Python	Java	C	JavaScript
Frontend	HTML	CSS	React
Backend	Django	CI/CD	Firebase
SQL	MongoDB (NoSQL)	Git	GCP Cloud
Linux/Unix	Bash	Kanban	Mockito

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