

Chetan Tyagi

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Education

BSc. in Computing Science (w/ Business Minor) at University of Alberta

9/2022 - 5/2026

Technical and Interpersonal Skills

Programming: Python, SQL, HTML5, C, JavaScript, Java

Tools/Frameworks: AWS and Azure, Android Studio, Firebase, React, Node.js, Express.js

Areas of Expertise: App and Web (Full-Stack) Development, Cloud Development

Interpersonal Skills: Communication, Teamwork, Adaptability, Active Listening, Time Management

Work Experience

Amazon - Software Developer Engineer Intern

Upcoming: 5/2025 - 8/2025

- Expected to work on cloud-based solutions within the finance department of Amazon Web Services (AWS).

Computing Science Department, University of Alberta - Teaching Assistant

5/2023 - 4/2025

- Provide assistance to 360+ students collaboratively with the assigned instructor for two Computer Science courses.
- Aid the professor by answering student's questions, teaching relevant topics, and assisting them with course-work.
- Create, evaluate and grade examinations, assignments, or papers, and record grades.

Personal and Hackathon Projects

Lost Locale (lostlocale.com)

8/2023 - Present

- Over 6k active users since public launch.
- Aims to enrich geography by letting users experience the culture and life of a city by walking its streets virtually.
- Implement HTML, CSS, JavaScript, and use Leaflet, Mapillary API, OpenStreetMap API, Node JS, Socket.IO, Express JS and hosted on AWS to create an interactive single-player and multiplayer experience.

Coiny

11/2024

- Winner of DevelopEd 3.0: Created an AI-powered web application that lets users upload coin images to receive detailed information, including estimated value, mint year, and the option to add them to their collection.
- Built using Node.js, Express, React, Firebase, and the OpenAI API, with integration of the Google Shopping API to display current market prices.

Certifications

Google Data Analytics Professional Certificate

8/2022

Microsoft Azure: Fundamentals

8/2022

CS50's Introduction to Artificial Intelligence with Python

9/2021

Leadership/Volunteer Experience

Events Lead, Google Developer Student Clubs of UAlberta

9/2023 - 5/2024

- Assist in the planning and execution of events held by the club, usually in association with other organizations.
- Host workshops on various topics, including Flutter and Android.

Founder and VP Admin, The Board Game Society

11/2022 - 1/2024

- Successfully secure sponsors such as Red Bull, and play a key role in growing the club to 200+ members.
- Organize and manage multiple events like Chess Tournaments with 100+ participants.

Awards and Scholarships

- Winner in DevelopEd 3.0 (2024) by Dev Edmonton Society
- Winner in Give Back Hacks 3 (2022) by Major League Hacking
- 60% Scholarship for Tuition, Living Costs and Flight Tickets