Chetan Tyagi

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Education

University of Alberta	**2022- 2026**

BSc in Computing Science, Faculty of Science

Technical Skills

Programming: Python (CMPUT 175), SQL (CMPUT 291), HTML5, CSS, C (CMPUT 201), JavaScript
Tools/Frameworks: Azure, Figma, Microsoft Excel, Tableau, Android Studio
Miscellaneous.: Data Analysis, Computer Networking, Web Development, Database Management
Soft Skills: Communication, Teamwork, Problem-solving, Attention to detail, Time management

Work Experience

Computing Science Department, University of Alberta	**5/2023– Present**

Teaching Assistant for CMPUT 174 and CMPUT 101 (class size of 50+ and 60+ respectively)
- Aid the lead teacher by answering student's questions, marking exams, assisting students with projects and other assignments, and working with my team to make the process efficient.

Personal and Hackathon Projects

Map Master (chetantyagi.me)	**8/2023- Present**

- Aimed to enrich geography and education by developing a game where players have to find cities on the map, after interpreting a Mapillary image. This is a personal project.
- Implemented HTML, CSS, JavaScript and used Leaflet, Mapillary API, OpenStreetMap API, Node JS, Socket.io and Express JS to create an interactive multiplayer and single player experience.

Cosmic- A Marketplace for Open Science Projects	**10/2023**

- Worked in a team to create a portal which connects aspiring project developers with open science organizations. Designed the entire front-end for the website.
- Implemented Django, HTML and CSS with SQLite3 for great user experience and features.

Cozi	**11/2022**

- Winner of Give Back Hacks 3.0, organized by MLH.
- This application is made using CSS, HTML, and JavaScript majorly, and it is made as a Web Application to communicate with the maximum number of users possible.

Leadership/Volunteer Experience

Google Developer Student Clubs of UAlberta, *Events Lead*	**9/2023- Present**

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

The Board Game Society, *Founder and VP Admin*	**11/2022- Present**

Successfully secured sponsors such as Redbull, and played a key role in growing the club to 200 members. This demonstrated my ability to effectively identify and engage potential partners and drive membership growth.

Awards and Scholarships

Winner in Give Back Hacks 3 by MLH	**10/2022**
60% Scholarship for Tuition, Living Costs and Flight Tickets	**2022**

Certifications

Google Data Analytics Professional Certificate	**8/2022**
Microsoft Azure: Fundamentals	**8/2022**
CS50's Introduction to Artificial Intelligence with Python	**9/2021**