

Prab Dhanoa

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EDUCATION

University of Waterloo

Bachelor of Mathematics, Mathematical Studies

April 2025

Waterloo, ON

WORK EXPERIENCE

ALUMO - People Corporation

Data Analyst

May 2025 – Now

Cambridge, ON

- Developed automation tools for databases using VBA and Python
- Helped manage databases for over 15 organizations, totaling over 50,000 members
- Communicated daily with client representatives, maintaining and strengthening client relations

University of Waterloo

Engineering Outreach University Instructor

May 2023 – January 2024

Waterloo, ON

- Designed and delivered educational programs to over 3,000 students, focusing on engineering concepts and coding.
- Collaborated on projects with Google developers, university robotics labs, and the City of Waterloo

The Shepherd Group

Data Entry Clerk/Financial Analyst

May 2021 – May 2022

Toronto, ON

- Automated financial tracking processes using Excel VBA scripting and Python programming, significantly improved operational efficiency.
- Designed automated scripts to update client databases and create data-driven presentations with Power BI.
- Upgraded company workstations with new software and hardware

Freedom Transportation

Web Developer/IT Support

January 2022 – May 2022

Toronto, ON

- Developed the company website and web applications using JavaScript
- Helped setup, train, and maintain newly implemented Oracle order management system
- Audited company financials, and created relevant automation tools for future audits

PROJECTS

Personal Website

2024

- Website acts a personal repository for projects and a personal blog using HTML5 and JavaScript
- Created a “text-message” blog feature for the website, where blog posts can be pushed to the site from a text message on a phone using the Discord API.

Personal Blogging Discord Bot

2024

- Discord bot is hosted on a local server, and whenever the server receives a message, the contents of the message are converted into an HTML snippet, and is then sent to my website to be posted

Procedural Generated 2D Dungeon Crawler Game

2023

- Created the art, sounds, and code for a 2D game using GMS2, and hosted online via JavaScript export

SKILLS & INTERESTS

- **Skills:** Data Analysis, Process Automation, Teamwork, Creativity, Communication, Problem Solving
- **Technologies:** Python; C#; Git; Jira; Power BI; Excel; SQL; Website Development; VBA; JavaScript
- **Interests:** Weightlifting; Game Development; Dungeons and Dragons