

Rahulpreet Singh Bal

Software Engineer

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SKILLS

Python

Java

Javascript

SQL

NUMPY

POWER BI

AGILE

MATPLOTLIB

UML/CRC

HTML5

MONGODB

CSS3

Android Studio

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Punjabi

Full Professional Proficiency

INTERESTS

Machine Learning

Applications of AI

Reading novels

Working out

EDUCATION

BSc Computing Science

University of Alberta

09/2020 - Present

Courses

- ▣ **CMPUT204 - Algorithms**
- ▣ **CMPUT267 - Basic Machine learning**
- ▣ **CMPUT300 - Computer and Society**
- ▣ **CMPUT365 - Intro to Reinforcement learning**
- ▣ **CMPUT261 - Intro to AI**
- ▣ **CMPUT291 - File /Database Management**
- ▣ **CMPUT301 - Software Engineering**
- ▣ **CMPUT366 - Search and Planning in AI**

WORK EXPERIENCE

Administrative Assistant

Creative Kitchen Cabinets Inc.

05/2021 - 04/2022

Achievements/Tasks

- ▣ Provided exceptional quality, positive, and friendly experiences to all customers with consistent accuracy.
- ▣ Organized and maintain electronic and paper files, ensuring that documents are up-to-date
- ▣ Answered and directed phone calls, responded to emails in a professional manner.

Event Staff

UofA Bears and Pandas

09/2022 - Present

Achievements/Tasks

- ▣ Handled organization and smooth running of various sport events like hockey,volleyball, basketball etc.
- ▣ Dealt with 2000+ numbers at most events.
- ▣ Filled in various roles like ticket authorizing, float counting, stock handling.

PERSONAL PROJECTS

Image Classification Project (Source)

- ▣ Created a data science Classification project which when given an image tells us who it is.
- ▣ Used Python, Numpy and OpenCv for data-cleaning.
- ▣ Matplotlib and seaborn for visualization / Sklearn for model building.
- ▣ Python flask for http server / html—css—javascript for user interface.

Messenger-like Chatapp (Source)

- ▣ Full-fledged Firebase Chat Application created using Javascript, React, react-chat-engine and google firebase implementation.
- ▣ Includes social authentication including Google and Facebook using Firebase.
- ▣ Online statuses, design, functionality, image support, sound notifications.
- ▣ The ability to create multiple rooms interface.

Codekemon(Source)

- ▣ Full fledged application created using Android Studio written in java using firestore firebase as database.
- ▣ Players can scan QR codes and get points based on hash value. Players can see on a map local QR codes.
- ▣ App shows a leaderboard after querying data from firebase. Players can also search other players.
- ▣ Developed in an agile environment with multiple sprints working in team of 6 over the course of 3months