RAHULPREET SINGH BAL

Email: rahulpre@ualberta.ca   Edmonton,Alberta
Phone: 825-461-3888
Portfolio: Rahulpreet7

PROFESSIONAL SUMMARY

Motivated university student with 3+ years' experience in programming and solving problems. Strong conceptual and technical knowledge of machine learning techniques and frameworks demonstrated through personal projects. Excited to use my knowledge and skills to real world problems and provide meaningful solutions.

SKILLS

- **Programming**: Python, Java, Javascript, HTML, CSS, SQL

- **Frameworks/Libraries**: Tensorflow, Keras, Scikit-learn Numpy, Pandas, Matplotlib, Seaborn, React,js, Jquery, Node.js

- **Version Control**: Git

- **Soft Skills**: Excellent Communication, Patience, Open-mindedness, Creativity

EDUCATION

BS   Computer Science   2020 – 2024(Expected)
         University of Alberta
         Current GPA - 3.5/4.0

RELEVANT COURSES

- CMPUT301 - Intro to Software Engineering
- CMPUT291 - File and Database Management
- CMPUT204 – Algorithms
- CMPUT366 - Search and Planning in AI
- CMPUT365 - Intro to Reinforcement learning

CERTIFICATIONS

- Intro to Machine Learning – Kaggle [Credential]
- Pandas – Kaggle [Credential]
- Fundamentals of Reinforcement Learning – Coursera [Credential]
- Sample-based Learning methods – Coursera [Credential]
- Certification in International Learning – University of Alberta[2024 Expected]

PERSONAL PROJECTS

1. 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.

2. 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

WORK EXPERIENCE

1. Administrative Assistant - Creative Kitchen Cabinets Inc.   05/2021 - 04/2022
   - 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.
2. Event staff - University of Alberta   09/2022 – Present
   - 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.

VOLUNTEER EXPERIENCE

- Hundred Rupee Group - (01/2021 - Present)
  - Founded this group with a group of friends and now has almost 300 members. Every month everyone donated whatever they can afford and at the end of the month the total pooled amount is used to help the ones in dire need.

- International Student's Association – (09/2020 – Present)
  - Active member of the group where every year we hold various events to promote our diverse culture and make sure every International student felt like home.