Dhruvraj Singh

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EDUCATION:

University of Alberta – Edmonton, AB   **September 20 – April 24**
B.Sc. Specialisation in Computing Science

WORK EXPERIENCE:

Horizon Survey Company – Mumbai, India   **May 22 – September 22**
Data Analyst Intern
- Analysed data received from geophysical surveys using SQL functions and database techniques.
- Used Excel and Tableau to create visual representations of the data.

Indian Institute of Forest Management – Bhopal, India   **April 21 – August 21**
IT Intern
- Assembled computer systems from parts and worked on troubleshooting on all tech systems.
- Performed repairs, upgrades, and cleaning on desktop systems and printers.
- Deployed Network devices such as routers, extenders, and switches.

PROJECTS:

Machine Learning Classification Website – https://github.com/dhruvraj508/face-recognition.git
- Developed a ML model to classify names of world leaders.
- Developed a full stack website which takes the model and identifies the person from a picture.
- Used Python, Numpy, OpenCV, Matplotlib, Seaborn, Scikit-learn, Flask, HTML/CSS and JQuery.

Social Media Web Application – https://github.com/mobashhirkhan/nodenet.git
- Developed a full stack social media website in a team of five.
- Allowed users to post, comment, and connect with other users on both local and remote servers.
- Used Bootstrap/CSS for frontend and Django-REST, and SQL for backend development.

Android Mobile Application – https://github.com/CMPUT301W23T47/Canary.git
- Developed an android game in a team of six.
- Allowed the users to collect points for QR codes and compete with friends for collecting most points.
- Used Java in Android Studio to code and used Git for the code compilation of team members.

Movie DBMS Program – https://github.com/dhruvraj508/miniProjectMovieDb.git
- Wrote a program that lets the user interact with a Movie Database with a group member.
- Used Python for coding and MongoDB for Database Management.

EXTRA-CURRICULARS:

Google Developer Student Club – University of Alberta   **February 22 – Present**
Member

Interdepartmental Science Students' Society (ISSS) – University of Alberta   **October 21 – April 22**
Volunteer

SKILLS:
- Multilingual in English, Hindi, and Punjabi.
- Proficient in backend development using PHP, Django, Rust, and Flask, with expertise in frontend technologies such as HTML, CSS, React, and Node.js.
- Well versed with Programming Languages like Python, C, C++, Assembly, SQL, JavaScript, Java and HTML.