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LinkedIn
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Portfolio Website

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. A creative thinker, possessing a drive to use my knowledge and skills to real world problems and provide meaningful solutions and turn ideas into reality. A team player committed to delivering results in a respectful, inclusive, and service-minded manner.

Skills

- **Programming:** Python, Java, JavaScript, HTML5, CSS3, SQL, Tableau
- **Frameworks/Libraries/Tools:** Tensorflow, Keras, Scikit-learn ,Numpy, Pandas, Matplotlib, Seaborn, React.js, Jquery, Node.js, Github
- **Version Control:** Git
- **Soft Skills:** Leadership, Accountability, Strong attention to detail, Excellent Communication, Patience, Organization, Creativity, Understanding of software lifecycles, Agile Methodology
- **Other:** MS Office 10 (Excel, Outlook, PowerPoint, and Word), AWS
- **Languages:** English, Punjabi, Hindi

Education

Bachelor of Science
University of Alberta
Expected Graduation: June 2024
Current GPA: 3.5/4.0 – Dean's Honor Roll[2022-2023]
Relevant Courses:

- CMPUT 261 - Introduction to AI
- CMPUT 267 - Basics of Machine Learning
- CMPUT 291 - File and Database Management
- CMPUT 301 - Introduction to Software Engineering
- CMPUT 365 - Introduction to Reinforcement Learning
- CMPUT 366 - Search and Planning in AI

Certifications

- Data Visualization Virtual Experience Program - TATA [Credential]
    - Framing the Business Scenario, Choosing the Right Visuals, Creating Effective Visuals, Communicating Insights and Analysis
- Data Analysis and Technical Consulting Virtual Experience Program – SAP [Credential]
    - Assembled Data, Created a dashboard of visualization on SAP Cloud Analytics software, presented in depth data analysis of a company having troubles with fraudulent products.
- Data Analysis with Python – FreeCodeCamp [Credential]

- Data Science and Machine Learning Bootcamp – Udemy [Credential]
- Pandas – Kaggle [Credential], Data Visualization - Kaggle [Credential]

Projects

1. **Student performance prediction** [Source]
   - Created a data science project which predicts a student's performance on a Math test given certain inputs.
   - Used modular coding for structure and made use of logging and CustomExceptions.
   - Did EDI using jupyter notebooks, data ingestion, transformation , model training and hyperparameter tuning using Numpy, pandas sklearn and OpenGridCV
   - Matplotlib and seaborn for visualization and HTML/CSS/Javascript for front-end
   - Python flask for http server and deployed on AWS using CI/CD pipeline.
2. **Tableau Project HR Analytics** [Source]
   - Did data exploration, cleaning and analysis to create a dynamic tableau dashboard.
   - Created custom charts like donut charts and a composite bar and circle chart as well as custom fields and parameters.
   - Would allow the company to clearly identify subtle factors leading to high attrition rates and improve employee retention and engagement.
3. **Sports Celebrity classification**[Source]
   - Created a data science Classification project which when given an image tells us which sports celebrity it is.
   - Used Python, Numpy, Pandas and OpenCv for data-cleaning.
   - Matplotlib and seaborn for visualization / Sklearn, tensorflow and CNN for model.
   - Python flask for http server / html—css—javascript for user interface.

Work Experience

Administrative Assistant
Creative Kitchen Cabinets Inc.
May 2021 - April 2022
- Provided exceptional quality, positive, and friendly experiences to all customers with consistent accuracy.
- Organized and maintained electronic and paper files, ensuring that documents are up-to-date.
- Answered and directed phone calls, responded to emails in a professional manner.

Volunteer Experience

International Student's Association, University of Alberta
- Active member of the group where every year we hold various events to promote our diverse culture and make sure every International student feels like home.