POOJA BHOJWANI

Data Scientist

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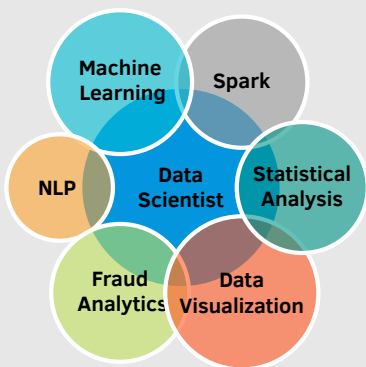
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⬤ Pooja-Bhojwani

Skills

Overview

Programming

Sklearn • Pandas • Spark • Hadoop

Git • Docker • Python • Linux

PyTorch • SQL

Java • R • Cassandra

Projects

Linked-eed - (Indeed + LinkedIn) Matches your LinkedIn skills to the jobs in Indeed and finds the right job for you. ▶ ‹/›

Smile to Unlock - Identifies the person facing webcam, detects his/her emotions and unlocks if it finds right person with right emotions ▶ ‹/›

SkLearn Tutorial - Turorial for Sklearn core concepts and pipelining in Sklearn ‹/›

Experience

Jan 2018 - Present	**Data Scientist**	Scotiabank

Fraud Analytics
- Lead data scientist (team of 6) for end-to-end model development and inference of Cheque Fraud prediction product
- Built a product (from modelling to deployment, with a team of four people) for Account Take Over(ATO) predictions, currently deployed to production, adding incremental value of $100,000 per month

Branch Optimization
- Working on branch optimization problem for branches across different countries (Mexico, CCAU, Chile and Peru), currently accepted solution for Mexico, added a business value of $10MM

Document Verification
- Worked on natural language processing tool for trade document comparison and verification

Business Skills
- Presenting and pitching projects to business audiences to attract internal department interest and obtain new business stakeholders

Jan 2017 - Dec 2017	**Graduate Research and Teaching Assistant**	University of Victoria

- TA for CSC 371(Database Management and Visualization), CSC 421(Artificial Intelligence) and technical assistance centre

May 2016 - Dec 2016	**Software Engineering Intern**	Change.org

- Was responsible to consolidate all User access to a single standalone service. It involved playing around with the legacy databases and unlinking the User related information from the core consolidated databases.

June 2013 - July 2015	**Software Engineer**	HCL Technologies

- Was a part of the project aiming for incorporating various insurance products and customer database into the new admin system which resulted in the cost saving of $3MM for AIG.

Education

2015 - 2018	**MSc., Computer Science** (GPA: 3.8/4.0)	University of Victoria, Canada
2008 - 2012	**Bachelor of Engineering** (GPA: 3.7/4.0)	GWECA, India

Awards

🏆 Best Of The Best Award - Scotiabank's Top Individual Performance Award for delivering outstanding performance

🏆 Live Wire Award - HCL Technologies' performance award for exceptional enthusiasm and commitment

Additional Activites

✅ Keynote speaker at Analytics and AI summit 2019 at Scotiabank (500+ attendees)

✅ Machine Learning Instructor at AI Deep Dive since Summer 2019

✅ Leading Pandas Cafe at Scotiabank with over 100 participants (as part of Women In Data Analytics Committee) kaggle

✅ TA for Sentiment Classification Workshop at TMLS November 2019