

Johnny Do

Recent University Graduate

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EDUCATION

University of Calgary

Bachelor of Science in Software Engineering

GPA: 3.5/4.0

Calgary, Canada

September 2019 - May 2024

- **Relevant Coursework:** Database Management Systems, Scalable Data Analytics, Data Structures and Algorithms, Probability & Statistics, Software Performance Evaluation, and Software Engineering Capstone

EXPERIENCE

Product Management Intern

H&R Block Canada

April 2023 - August 2023

Calgary, Canada

- Spearheaded the design and implementation of an AI chatbot's conversation flow, enhancing user engagement through intuitive user input analysis, resulting in a more seamless and interactive user experience
- Collaborated in sprint planning, backlog grooming, and daily stand-up meetings, ensuring the on-time delivery of 5+ product features
- Analyzed 3 key performance indicators (KPIs) to measure the success of product features, leveraging data-driven insights for decisions.

Central Canada Region Intern

CIBC Canada

May 2022 - December 2022

Calgary, Canada

- Developed and launched a Succession Planner Application for CIBC employees, reducing manual tracking efforts and improving data accuracy by implementing automated data feeds.
- Acquired proficiency in Visual Basic for Applications (VBA) and Power Query to develop the application, streamlining data processing tasks, and reducing report generation time.
- Enhanced reporting efficiency by reviewing 5 Tableau Dashboards and 1 ECRM system, ensuring accurate and timely delivery of formal reports critical to organizational decision-making.

PROJECTS

Motiv Assist | Machine Learning Models(LLMs), Nuxt.js, Node.js, Typescript, PostgreSQL

- Co-developed the AI capabilities, leveraging retrieval-augmented generation (RAG) techniques to enhance response accuracy and relevance.
- Led the deployment process, ensuring a smooth transition from development to production environments.

Youtube Title Performance Analysis | PySpark, Python, Databricks, Machine Learning Models

- Preprocessed and cleaned a large YouTube dataset, extracting key features to enhance data quality.
- Developed and deployed three machine learning models to predict video metrics based on title attributes and produced actionable insights and data visualizations for a research paper.

Medical Disease Detection | Python, Jupyter Notebook, Machine Learning Models

- Researched, curated, and applied classification and regression models to cancer and heart datasets, aiming to optimize predictive accuracy and model performance.
- Conducted comparative analysis of model accuracies and fine-tuned parameters to identify optimal configurations, enhancing predictive capabilities for medical data analysis.

TECHNICAL SKILLS

Languages: Python, SQL, Javascript, React, HTML, CSS, Java, C/C++, PHP, VBA

Frameworks: Pyspark, Hadoop Map-Reduce, Selenium, PostgreSQL, MongoDB, Node.js, JUnit

Developer Tools: Figma, Git, Tableau, Jira, Excel, PowerQuery, Docker

CERTIFICATIONS

Complete Python Bootcamp From Zero to Hero

July 2024

Complete A.I & Machine Learning, Data Science Bootcamp

July 2024

Python for Data Science and Machine Learning Bootcamp

July 2024