

# 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

April 2023 - August 2023

HEIR Block Canada

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.

### Data Analyst Intern

May 2022 - December 2022

CIBC Canada

Calgary, Canada

- Utilized Python, SQL, and Excel to clean and pre-process datasets, regularly handling and transforming datasets to create dashboards that provided insights for data-driven decision-making
- Designed and implemented a Succession Planner Application for CIBC employees using VBA and Power Query, automating data feeds to eliminate manual tracking, enhance data accuracy, and significantly reduce report generation time through streamlined data processing.
- 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

September 2024

Complete A.I & Machine Learning, Data Science Bootcamp

September 2024

Python for Data Science and Machine Learning Bootcamp

September 2024