JOHNY DO

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EDUCATION

University of Calgary **Calgary, Alberta, Canada**
Bachelor of Science in Software Engineering *Graduated : May 2024*
GPA: 3.5/4.0

WORK EXPERIENCE

H&R Block Canada **Calgary, Alberta, Canada**
Product Management Intern *Apr 2023 - Aug 2023*
- Resolved 20% of customer feedback from the previous year by designing and implementing an AI Chatbot's conversation flow, leveraging intuitive user input analysis to enhance user experience.
- Delivered 5+ product features on schedule by coordinating sprint planning, backlog grooming, and daily stand-up meetings with cross-functional teams.
- Improved product performance decisions by analyzing 3 KPIs, and uncovering actionable insights through data-driven analysis.

CIBC Canada **Calgary, Alberta, Canada**
Data Analyst Intern *May 2022 - Dec 2022*
- Delivered insights to 3+ teams by creating dashboards and conducting data analysis through data cleaning and pre-processing using Python, SQL, and Excel.
- Automated 10+ data sources into a single system by building a new Succession Planner Application using VBA and Power Query, reducing report preparation time by 50% and enhancing workflow efficiency.
- Streamlined daily, weekly, and monthly reporting processes by leveraging data from 5 Tableau dashboards and 1 ECRM system, reducing preparation time by 25% and improving accuracy and consistency in reporting.

PROJECTS

Motiv Assist | Large Language Models (LLM), LangChain, PostgreSQL, PGVector, AWS
- Improved AI response relevance for text documents by 20% by co-developing a retrieval-augmented generation (RAG) model, enhancing response accuracy through optimized token usage and leveraging vector databases for better content retrieval.
- Streamlined deployment readiness by leading the production roll-out using AWS technology, resolving integration issues, and ensuring minimal downtime.

YouTube Title Performance Analysis | PySpark, Python, Scipy, Scikit-Learn, Machine Learning Models
- Attained 85% predictive accuracy by pre-processing and extracting key features from a large YouTube dataset for machine learning models.
- Generated actionable recommendations for a research paper by developing three machine-learning models and creating visualizations of video performance trends.

Medical Disease Detection | Python, Pandas, Numpy, Scikit-Learn, Matplotlib
- Increased model accuracy by 15% by applying advanced classification and regression models to medical datasets for cancer and heart disease prediction.
- Identified optimal algorithms by conducting a comparative analysis of model performance, refining parameters, and improving predictive data analysis.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript, React, HTML, CSS, C/C++, VBA
Frameworks: PySpark, Apache Hadoop, Selenium, PostgreSQL, MongoDB, Node.js
Developer Tools: Figma, Git, Tableau, Jira, Excel, Databricks, Jupyter Notebook, Zendesk

CERTIFICATIONS

Complete Python Bootcamp From Zero to Hero *In Progress*

Complete A.I & Machine Learning, Data Science Bootcamp *In Progress*

Python for Data Science and Machine Learning Bootcamp *In Progress*