OLUWATOSIN JOEL AJAKAYE

oluwatosinajakaye@cmail.carleton.ca • linkedin.com/in/joel-ajakaye • hybried8.github.io • +1 437 778 0181 • Ottawa, Ontario

EXPERIENCE

Consulting Mentorship Program, Accenture   June 2023 — August 2023

- Engaged in a mentorship program focused on technology and finance at Accenture.
- Actively attended workshops on technology and finance and participated in case studies.
- Acquired hands-on experience and deepened understanding in the intersection of technology and finance.

Intern, Vitract (biotech)   May 2023 — August 2023

- Undertook an internship at Vitract to contribute to web optimization (nodejs/javascript) and data analysis.
- Reduced monthly instance request costs by 47% through web and server hosting optimization.
- Utilized Python and SWI-Prolog to parse and merge data, developed data parser, and monitored blog postings.

Sales Associate, Moores Clothing and formalwear   May 2022 — May 2023

- Worked as a sales associate at Moores Clothing and Formalwear, contributing to sales and customer service.
- Assisted an average of 40 customers daily, achieving $60K in revenue, and exceeded sales goals.
- Managed inventory efficiently, maintained attractive displays, and provided outstanding customer service.
- Generated substantial revenue, completed tasks efficiently, exceeded sales targets, and received positive customer feedback.

Information Technology Intern, Nahco Aviance   April 2021 — July 2021

- Embarked on an IT internship at Nahco Aviance, responsible for IT systems setup and website development.
- Set up and maintained IT systems, developed backend API for event services, and enhanced website security.
- Managed company IT systems, developed backend API for event services, and implemented website security measures.
- Established reliable IT infrastructure, facilitated online event services, and enhanced website security against potential threats.

EDUCATION

Carleton University, major: Software Engineering, minor: business and mathematics   2020 — ongoing
Vector Institute: AI research student   2023 — 2023

PROJECTS

Productivity App (project name: Finished)

- Developed a web application using PHP, React, Angular, and Node.js which enhanced productivity for 10 users.
- Implemented a robust backend framework with XAMPP and SQL, allowing users to register and monitor progress.

ETL Data Pipeline for financial data analysis (ongoing project)

- Collaborated a team to develop a data pipeline for retrieving financial data from the Quandl Dataset at predefined intervals.
- Utilized PySpark for efficient data processing and employed Plotly to generate informative visualizations.
- Defined data retrieval intervals, designed data processing workflows, and implemented visualization features.

Expense tracking app (project name: Charted)

- Created an iOS app using SwiftUI to offer comprehensive financial analysis and recommendations.
- Designed a user-friendly interface, integrated calculation algorithms, and provided personalized insights.
- Developed the app iteratively, integrated calculation logic, and implemented a python test script to properly test the application's functions

SKILLS

- **Programming languages:** Java, python, C, Swift, R, SQL ,JavaScript , CSS, C++, HTML, PHP
- **Soft skills:** Problem solving, teamwork, Collaboration, Consistency, Leadership, Communication
- **Software Tools:** Xcode, RStudio, Jupyter Notebook, Vim, Git, REST API, JSON
- **Engineering techniques:** Unit testing, Test-Driven Development (TDD), Agile Methodologies, Code review and Collaboration, Design Patterns, Refactoring, Debugging profiency, documentation.

HOBBIES AND INTERESTS

- Volunteered as a mentor for freshmen at the University, guiding and supporting newcomers in their academic journey.
- Joined ColorStack, where I gained technical knowledge and expanded my professional network by actively engaging in workshops and networking opportunities.
- Enjoy playing the piano, finding solace in its melodies during leisure hours and occasionally showcasing my skills professionally.
- Engage in tennis recreationally, finding joy and relaxation on the court.

ADDITIONAL INFORMATION

- Engaged in the 3rd North Texas Tech Symposium conference to expand knowledge in Computer Science and Cyber Security.
- Actively participated in coding challenges, competitions, and hackathons, honing problem-solving and development skills.
- Successfully finished online courses on Coursera in Programming, Data Structures, Advanced Algorithms, and Operating Systems, strengthening fundamental computer science understanding.
- Designed and created this resume using HTML, CSS, Git and Markdown, showcasing proficiency in relevant technologies.