

Yahya Darman

Toronto, Canada
yahya.darman.work@gmail.com
Portfolio | GitHub | LinkedIn

SKILLS

- **Programming Languages:** JavaScript, Node.js, HTML5, CSS3, Python, Java
- **Frameworks:** React, jQuery
- **Database Management:** SQL, MongoDB
- **DevOps & Version Control:** [Azure](#), AWS, Git, Bash, PowerShell
- **Development & Scripting:** Jupyter Notebooks, RESTful APIs
- **Machine Learning & AI:** Scikit-learn, TensorFlow, Keras

WORK EXPERIENCE

Appen

Toronto, ON

Data Scientist

Sept. 2023 – Jan. 2024

- **Collaborated closely with the trust and safety team**, clearly and effectively communicating to identify and correct misclassifications of fraudulent users. **Enhanced crowd work efficiency by 20%** and improved the crowd worker experience by 10% through timely and relevant updates and feedback.
- **Passionately refined AI models** such as SVM and XGBoost, achieving a **15% boost in performance** and a **10% reduction in bias errors**. Demonstrated adaptability and a self-driven approach to drive more accurate, reliable predictions and better business outcomes.
- **Analyzed data needs across three diverse cross-functional teams**, demonstrating intercultural competence and building strong, collaborative relationships. **Enthusiastically contributed ideas to tailor over 10 in-house metrics**, enhancing data-driven decision-making and improving overall efficiency.
- **Transformed over 250,000 rows of user data** using Amazon Redshift and Mode Analytics, showing clear communication and collaboration to streamline ETL processes and enhance data accuracy and availability.
- **Enhanced platform integrity by 25%** through a self-driven and adaptable approach, developing an algorithm to detect and prevent fraudulent activity. **Passionately contributed innovative ideas** to create a more secure and trustworthy platform environment, demonstrating commitment to continuous improvement.

Platform Engineer Intern

May 2023 – Sept. 2023

- **Empowered stakeholders with clear insights into complex data trends** by creating Power BI dashboards integrated with REST APIs, enabling real-time data access. This led to **50% faster identification and resolution of potential issues**, significantly improving platform reliability and user experience.
- **Implemented a chatbot with Javascript and Kore.ai Service** to automate Zendesk tickets, resulting in a **50% reduction in resolution time** and a **25% increase in customer satisfaction**, enhancing support services for Appen's crowd users.
- **Collaborated closely with platform engineers** to develop and implement data-driven solutions for enhancing platform performance, scalability, and reliability.
- **Designed and implemented predictive models** to forecast system failures, anticipate resource demands, and improve overall platform efficiency.
- **Contributed to the development of monitoring and alerting systems** to proactively identify and mitigate potential issues, ensuring high availability and reliability of platform services.

EDUCATION

Bachelor of Science in Applied Mathematics

York University

Graduated: September 2022

PROJECT

Daily Journal

JavaScript, MongoDB, Mongoose, Node.js, EJS, Bootstrap

- Developed a **full-stack web application** enabling users to compose entries in a private journal, with a seamless, user-friendly interface.
- **Implemented OAuth2.0 and Passport.js** for secure Google and Facebook authenticated logins, ensuring user data protection.
- Created **RESTful API endpoints using Node.js** to support CRUD operations, allowing users to add, edit, and delete entries efficiently.
- Configured **AWS to host MongoDB Atlas**, ensuring reliable database connectivity and performance for a scalable, cloud-based solution.