DREUX HEBERT

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SKILLS

Languages: Java, Python, Swift, C#, JavaScript, SQL, HTML, CSS

Softwares: IntelliJ, Eclipse, Visual Studios, PostgreSQL, Jupyter, Anacoda, Git, Docker

Libraries: TensorFlow, scikit-learn, XGBoost, NumPy, pandas, OpenCV, matplotlib, seaborn

EXPERIENCE

Order Fulfillment Associate, Home Depot

January 2022 – Present

- Collaborated with a team to efficiently fulfill orders within specified timeframes based on order type. Communicated with contractors and businesses to ensure product accuracy, quality, and quantity. Coordinated with customers to confirm pickup dates and finalize order details.

Mobile App "**Swipe**"

- Developed a TikTok-like app featuring AI-generated videos for offline use, eliminating the need for a database or user-uploaded content. Targeted at younger audiences, the project demonstrated AI-driven video generation for an engaging social media experience.

  Technologies Used: Java, JavaScript, Python, Swift, TensorFlow, OpenCV

Customer Churn Prediction

- Developed a machine learning model to predict customer churn for a subscription service.

- Performed data preprocessing, feature engineering, and EDA using **pandas**, **matplotlib**, and **seaborn**.

- Optimized models through hyperparameter tuning and cross-validation to improve **accuracy**.

Technologies Used: Python, scikit-learn, XGBoost, TensorFlow, SQL, pandas, matplotlib, seaborn, Git.

Fraud Detection System

▪   Developed a machine learning system to detect fraudulent transactions for an online payment platform, applying techniques like SMOTE for class imbalance and using scikit-learn, XGBoost, and TensorFlow for model optimization. Deployed the model with Docker, integrating SHAP for interpretability to enhance stakeholder trust.

Technologies Used: Python, scikit-learn, XGBoost, TensorFlow, SQL, pandas, NumPy, matplotlib, seaborn, Docker, Git.

Book Store Web App

▪ Designed and developed a fully functional online bookstore application, deployed using Tomcat on IntelliJ. The system enabled users to create accounts, receive two-step verification codes for added security, and be emailed tracking numbers for their orders.

Technologies Used: Java, SQL, HTML, CSS, JavaScript, Tomcat, PostgreSQL, Git

EDUCATION

Chattahoochee Technical College: Cis Computer Programming: GPA 3.59 | **Dean's List** (2022-2024)

Associate's degree: Computer Information Systems Computer Programming

Certificates: Java Programmer, C# Programmer

Kennesaw State University: Computer Science (2024-2026): **Currently Enrolled**