

Dreux Hebert

dreuxcharles@gmail.com · 404-824-0063 · Roswell, GA, USA
linkedin.com/in/dreux-hebert-0117a5300 · github.com/dreuxhebert

Education

- **Kennesaw State University** · Bachelor of Science in Computer Science, GPA: 3.68
Anticipated Graduation: 2026
- **Chattahoochee Technical College** · Associate of Science in Computer Science, GPA: 3.59
Graduated: 2024

Experience

AI Prompt Engineer Intern

Jan. 2025 – Current

Oracle Air Check, LLC (Remote)

- **AI Model Development:** Designed and fine-tuned large language models like GPT to optimize performance.
- **Optimized AI Outputs:** Engineered advanced prompt solutions to enhance accuracy, enabling the discovery of scholarships and resources for underserved communities.
- **AI-Powered Tools:** Developed dashboards and interactive tools using Python, Flask, and JavaScript to improve accessibility in aviation education and STEM.
- **Data-Driven Solutions:** Leveraged data analysis tools like pandas and scikit-learn to personalize outreach efforts.

Projects

Advanced AI Model: Image Classification with CNNs

- **Built CNN Model:** Designed a convolutional neural network using TensorFlow for multi-class image classification.
- **Achieved High Accuracy:** Trained on CIFAR-10 dataset, achieving 92% validation accuracy.
- **Deployed as API:** Integrated the model with Flask for real-time image prediction.

Mobile App "Swipe"

- **AI Video Generation:** Created a TikTok-like app with AI-generated videos using Runway ML APIs.
- **Offline Support:** Enabled app functionality without user-uploaded content.
- **Youth Engagement:** Designed for younger audiences with engaging video output.

CSCareerHub: Website for CS Students

- **Resume Analysis:** Built a Flask app providing resume feedback with ML models.
- **Skill Gap Detection:** Integrated ML to identify and recommend skills for career growth.
- **Job Compatibility:** Delivered job matching insights based on parsed resumes.
- **Relevant Coursework:** Highlighted practical, industry-relevant coursework applicable to real-world challenges.

DataPredict: Dataset Prediction Tool

- **Live Predictions:** Developed a Flask app for real-time ML predictions on user-uploaded datasets.
- **Model Variety:** Integrated models like Linear Regression and Decision Trees.
- **Streamlined UI:** Created an intuitive interface for dataset analysis.

Technical Skills

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

Software: IntelliJ, PyCharm, PostgreSQL, Jupyter, Anaconda, Git, Docker

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

Frameworks: Flask, Django, FastAPI