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Jenson Brett Allaway

Summary

Computer Science (Artificial Intelligence) graduate with strong foundations in machine learning, data analysis, and software development. Experienced in building end-to-end ML projects using Python, TensorFlow, and Scikit. Team-oriented leader with proven responsibility in supervisory roles, seeking an entry-level role in AI, data, or software engineering.

Computer Science Experience

Languages: Python, SQL, HTML/CSS, Bash, Delphi (Pascal), R Studio

ML & Data: TensorFlow, Scikit-learn, Pandas, NumPy, OpenCV

Visualization: Matplotlib, Seaborn, PowerBI

Web & Automation: Flask, RESTful, Selenium, BeautifulSoup

Databases: SQLite, SQLAlchemy

Other: Git

Project Highlights

Job Tracker:
Key Features: job data scraping, Selenium automation, HTML parsing, structured data extraction, CSV output, configurable search inputs, RESTful API
https://github.com/Jenson134/Python-Job-Scraper

RAG Pipeline:
Key Features: document processing, text chunking, chunk ranking, embeddings, vector search, retrieval-based responses, pipeline structure, LLM as a judge, multi-query searching
https://github.com/Jenson134/RAG-Pipeline

Handwritten Forgery Detection (Siamese CNN):
Key Features: image preprocessing, handwriting feature extraction, classification model, OpenCV usage, model training, evaluation, attention mechanism
https://github.com/Jenson134/Handwritten-Forgery-Detection

Education

University of Greenwich – 2025
BSc (Hons) Computer Science (Artificial Intelligence) with 2:1

Grey High School – 2021
Matric with full exemption
Subjects: English First Language, Afrikaans First Additional Language, Accounting, Art, Information Technology, Mathematics (Core level) and Life Skills.

Relevant Modules

AI RELATED

- AI Applications
- Machine Learning
- Natural Computing
- R Studio and Statistics

DEVELOPMENT RELATED

- Advanced Programming
- Advanced Algorithms
- Information Security
- Human Computer Interaction (HCI)