

## EDUCATION

### Bowie State University

Bowie, MD

*Bachelor of Science in Computer Science, 5x Dean's List*

**GPA: 4.0** | May 2026

**Courses:** Data Structures & Algorithms, Calculus I, Probability & Statistics, Programming Languages.

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, HTML, CSS.

**Frameworks/Libraries:** Tensorflow, ScikitLearn, Pandas, Numpy, Matplotlib, HuggingFace, LangChain.

**Technologies:** OpenAI API, Large Language Models (LLM), Natural Language Processing (NLP), Generative AI.

**Certificates:** AWS Machine Learning, AWS Developer, AWS Solutions Architect. AWS Cloud Practitioner.

## WORK EXPERIENCE

### Apple - Incoming Data & Artificial Intelligence(AI) Intern

May 2025 - August 2025

### Apple - Artificial Intelligence Machine Learning(AIML) Intern

May 2024 - August 2024

- Engineered an innovative **LLM-Assisted App Crawler** prototype in **Python**, achieving a **25%** boost in unique screen discovery compared to traditional random clicking methods.
- Streamlined development process by implementing Git version control for **data analysis**, overcoming integration challenges and reducing experimentation cycle time by **20%**.
- Pioneered advanced **prompt engineering** strategies, enhancing LLM navigation of complex app interfaces and overcoming persistent login screen obstacles, resulting in **8x** more improvement in app coverage.
- Architected a sophisticated graph-based system to model app structure, facilitating the creation of a comprehensive dataset that increased data quality by **10%** and expanded analysis capabilities by enabling **5** new types of insights.

### Runwei - Artificial Intelligence Machine Learning(AIML) Intern

November 2024 - March 2024

- Enhanced an AI-powered **recommendation engine** using Azure Machine Learning, improving matching accuracy between entrepreneurs and funding opportunities by **30%**, leading to a **20%** increase in successful funding connections.
- Engineered automated data ingestion pipelines using Python (Pandas, Requests) to extract and process **10KB - 100KB** of data daily from company APIs, overcoming rate limiting challenges and reducing data processing time by **35%**.
- Integrated **LLM-powered support features**, providing **real-time, culturally sensitive assistance**, reducing user query resolution time by **40%** and increasing user satisfaction scores by **25%**.

## PROJECTS

### RAG-Powered Knowledge Base System

- Architected a Retrieval-Augmented Generation (RAG) chatbot system using **LangChain** and **Llama3**, achieving **95%** semantic search accuracy through ChromaDB vector store, with optimized text chunking (**1024** tokens) and context window handling for **3x** faster response times

### Argus

- Engineered a high-precision AI model crash detection system using advanced supervised learning techniques, achieving **85%** accuracy in identifying diverse vehicle crash scenarios (car, train, motorbike). Utilized a balanced dataset of **100** samples per category, clinching **3rd** place in a competitive university challenge.

### GospelBreakdown

- Engineered an innovative web application using **OpenAI's GPT-3 API**, dynamically generating contextually relevant content for christians, leading to a **50%** increase in user engagement and processing an average of **20** requests daily.

## LEADERSHIPS & AFFILIATIONS

**Vice President** Bulldog Coders, **Recruiter** For Women In Computer Science, Freshman CS **Advocate**, Colorstack