Phillip Hedden

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github.com/pchedden22

Summary

As a Computer Science graduate of Clemson University, I excel in quickly adapting to new software environments, evidenced by my successful implementation of translation software at DACdb. My approach combines meticulous attention to detail with a constructive, team-friendly communication style. Awarded the Palmetto Fellow and Watson Brown scholarships, I embody a strong work ethic and a keen ability to learn.

Education

Clemson University, BS in Computer Science   Aug 2021 – Dec 2024

- GPA: 3.52/4.0
- **Coursework:** Machine Learning: Implementation and Evaluation, Cloud Computing Architecture, Data Structures, Applied Data Science, Cryptography

Lander University, MBA   Jan 2025 – Dec 2025

- **Emphasis:** Business Analytics

Experience

West Carolina | Abbeville, SC   May 2024 - Aug 2024
Managed Services Intern

- Supported the Managed Services department in various IT tasks, including server instancing, computer diagnostics, and server monitoring.
- Contributed to firewall installations and network creation, gaining hands-on experience in managing and securing IT infrastructure.
- Collaborated with team members to troubleshoot and resolve issues, deepening understanding of industry practices.

Software Engineer Intern, DACdb – Charlotte, NC   May 2023 – Nov 2023

- Led the successful implementation of cutting-edge translation software, enhancing the company's international communication and operational efficiency.
- Utilized ColdFusion to develop and customize software solutions, achieving optimal performance and user-centric functionality.
- Monitored and reported on the system's performance, making data-driven recommendations for continuous improvement.

Projects

Driver Rewards Web App

- Designed and developed a web-based rewards application for the trucking industry, featuring login, navigation, points tracking, and redemption functionality using AWS.
- Tools Used: HTML, CSS, Python, Flask, AWS DynamoDB, AWS SES, JSON, Git.

Sepsis Prediction Model

- Built an algorithm to predict sepsis 6 hours before clinical recognition using physiological time-series data for over 40,000 patients.
- Engineered features and trained machine learning models, achieving improved prediction accuracy through cross-validation and evaluation.
- Tools Used: Python, NumPy, Pandas, Matplotlib, Scikit-learn, Jupyter Notebook, Git.

Technologies

Languages: Python, C, C++, Java, JavaScript, SQL, HTML, CSS, JSON

Technologies/Frameworks: Flask, AWS DynamoDB, AWS Lambda, AWS SES, React, Jupyter Notebook, Scikit-learn