Keegan Smith

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Computer Science/Minor in Mathematics, December 2024
Cumulative GPA: 4.00

SKILLS

- **Languages:** Python, Java, C++, JavaScript, Swift, HTML/CSS
- **Frameworks/Libraries:** SwiftUI, Cloudkit JS, XGBoost, Flask, Express.js, Vue.js, Pandas
- **Tools/Systems:** Git/Github, Linux/macOS/Windows, Cloudkit Database, MongoDB, SQL
- **Methodologies:** Agile, Waterfall
- **Programming Concepts:** Object-Oriented Programming (OOP), Functional Programming

WORK EXPERIENCE

The Coca-Cola Company, Atlanta, GA
Software Engineer Intern, June 2024 - August 2024
- Created a full stack web application for segmenting and analyzing 8,861 outlets
- Developed an algorithm which provided 124,054 relevant promotions for outlets
- Used Vue.js, Python, Flask, Pandas, and Postgresql

Texas A&M High Performance Research Computing, College Station, TX
Student Technician/Research Assistant, May 2023 – Present
- Engineered and maintained software for automating the handling of tickets
- Devised a CLI for creating and updating workflows for requests of different types
- Handling 1,284 tickets as of August 2024, the tool has been in active use

AKW Ventures, College Station, TX
Software Developer, May 2023 – Present
- Contributed to the College Football Schedules app which provides live statistics to thousands of users
- Leveraged Swift/SwiftUI, Javascript/Cloudkit JS, Cloudkit, cfbd api
- Developed an internal web app to automate Google Docs creation using OpenAI's API for template filling
- Created a REST api with flask (in Python), created the frontend with Vue.js

PROJECTS

EduPredictor:
Team project (TIDAL TAMU Hackathon 2023), November 2023
- Web application to predict academic outcomes of students
- Trained a machine learning model with XGBoost, achieving an accuracy of 68%
- Created a REST API using Flask
- Collaborated and clearly communicated with other engineers on the team to deliver a minimum viable product in less than 8 hours
- https://github.com/GigaSmurf/TidalHackathon2023

Portfolio Yield/Risk Analyzer:
Team project (TAMU Hack 2023), January 2023
- Led a team to develop a Python desktop app for creating financial portfolios
- Implemented a Sharpe ratio algorithm to calculate and display expected portfolio yields
- Pulled stock and bond data from yfinance and US Fiscal Data
- Collaborated to deliver a minimum viable product in less than 24 hours
- https://github.com/keeganasmith/TAMUHack2023

EXTRACURRICULAR

Hackathon Enthusiast:
- Collaborates in hackathons, showcasing inclusive problem-solving and innovation
- Led peers on multi-discipline teams to develop innovative solutions to problems