

Sarah Cross

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SUMMARY

Recently gained experience working in data solutions as a software engineer intern for the OKC Thunder. Fast learner and flexible team player with creativity, communication, and strong problem-solving skills. Returned to school after 11 years as a stay-at-home mom and military spouse. Currently seeking full-time role as software engineer with opportunities for career growth and development.

EDUCATION AND CERTIFICATIONS

BS IN COMPUTER SCIENCE | AUBURN UNIVERSITY

Fall 2020-Spring 2023

- Graduated Summa Cum Laude with 4.0 GPA
- Ginn College of Engineering Dean's List
- AWS Certified Cloud Practitioner

INTERNSHIP EXPERIENCE

DATA SOLUTIONS SOFTWARE ENGINEER INTERN | OKC THUNDER

Spring 2024

- Worked on full stack application using Python with Django, JavaScript, Typescript, and HTML/SCSS with Angular to build out a player evaluation page to production.
- Spearheaded the integration of an NBA player evaluation distribution page into the app, facilitating more insightful player analysis.
- Transformed static player evaluations into sliding scale distributions and visualized data with dynamic D3 charts, enhancing decision-making processes for scouts and coaches.

PROGRAMMING PROJECTS

- TakeFiveSports.com: published app for pro sports highlights, live standings, and news by league; Uses Ruby on Rails and Bootstrap, and gets data from multiple APIs for MLB, MLS, NBA, NFL, and NHL.
- Race the States: full-stack app to track user's races in different states and find upcoming races; Has user registration, interactive US map, user race log and database, search abilities with multiple filters that gets data from external API, and race wish list. Uses PostgreSQL, Django, Python, Java, Node.js, JavaScript, Typescript, HTML/CSS, and Angular.
- NFL Odds: React app that shows each NFL team's percentage of winning games. Gets head-to-head odds from a list of bookmakers from an odds API and translates the data into simple win percentage.
- Mars Rover iOS app that displays latest images of each of the Mars Rovers. User can share and add images to favorites. Written with Swift.

STRENGTHS AND OTHER EXPERIENCE

- Comfortable in Java; experienced in Python, C#, Swift, Ruby on Rails, MySQL, PostgreSQL, JavaScript, Typescript, HTML/CSS.
- Experience with Angular, React, and Django frameworks, API calls, GitHub, SonarQube, ZAP, and AWS.