Matthew Sawyer

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TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, Python, SQL, C++, HTML/CSS

Frameworks: Spring Boot, React, React Native, Vue, Node, Tailwind CSS

Tools & Platforms: AWS, Git, GitHub Actions, Linux, Docker, PostgreSQL, pandas, scikit-learn

Certifications: AWS Certified Cloud Practitioner, CompTIA Security+

EXPERIENCE

Booz Allen Hamilton Huntsville, AL
Software Engineer I *June 2026 – Present*

- Developed and tested full-stack web application features for a federal government client.
- Collaborated with an agile engineering team through code review, sprint planning, and iterative delivery of client-facing functionality.

Room2Room Movers Auburn, AL
Software Engineer Intern *June 2025 – April 2026*

- Built a GPT-powered booking feature that parsed customers' free-text descriptions of their move into a structured inventory, replacing a grid interface that required selecting each item manually.
- Built a React Native app from scratch that 50+ movers use for onboarding, training, and daily operations.
- Extended the internal admin dashboard with automatic overtime billing, calculating charges when jobs ran past their booked window and removing manual rate math from the operations team's workflow.
- Added mover scheduling to the admin dashboard, giving the operations crew the ability to assign movers to jobs, replacing the third-party software they had been using.
- Maintained the existing customer-facing React and TypeScript site and developed supporting backend services and data models on Node and Firebase, working directly with the founder and operations team to scope and prioritize features.

PROJECTS

Money Buckets — Personal Finance App *August 2026 – Present*

- Built a full-stack personal finance app with Vue, TypeScript, Spring Boot, and PostgreSQL that pulls users' bank data through Plaid and helps them build a spending plan of fixed costs, investments, savings, and guilt-free spending.
- Sorted transactions into spending buckets with an LLM classification API, batched daily and checked with Python evals.
- Self-hostable through Docker images built by GitHub Actions; source at github.com/mattssawyer/money-buckets.

College Football Outcome Prediction Model *July 2025 – Present*

- Trained a gradient-boosted decision tree model in Python on 10 seasons of team and game-level data to predict game outcomes and point spreads, achieving 73% accuracy for game outcomes and 15.63 RMSE for spreads. Weekly predictions at matthewsawyer.dev/cfb-model.
- Engineered features from team rankings, betting lines, pregame win probabilities, team talent composite scores, and more.

Business Analytics Case Competition — First Place *September – November 2025*

- Won a university-wide competition by modeling real-world Home Depot customer data and presenting recommendations to a panel of judges and industry sponsors.

EDUCATION

Auburn University Auburn, AL
B.S. in Computer Science — Undergraduate Certificate in Artificial Intelligence *May 2026*

GPA: 3.50 / 4.0

- Honors College