

James Beeber

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SUMMARY

Computer Science graduate with a background in full-stack development, AI analysis, and cloud virtualization. Proven leader in technical projects and fast-paced environments, from managing web apps to coordinating service for 20+ restaurant tables. Thrives in dynamic settings, delivering quality solutions through teamwork.

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science
GPA: 3.67

College Station, TX

December 2024

EXPERIENCE

Software Engineering Intern

May 2024 – Aug. 2024

Teamup

College Station, TX

- Configured and maintained MongoDB instance, optimizing user role management for the ReadWell application
- Developed a dynamic user role select page using NodeJS and React, improving the user experience and reducing role selection time by 67%
- Integrated Google's Gemini API for AI question and answer generation, enhancing teacher productivity

Rater (Data Analyst)

June 2023 – Present

TELUS Digital

Remote

- Executed detailed analysis of prompts and responses using analytical techniques, boosting AI model precision
- Assessed over 300 user queries and Special Content Result Blocks, ensuring alignment with Google's Rating Guidelines, improving content accuracy
- Collaborated with a team of raters on Google's subcontracted work, improving AI response intent

PROJECTS

myHealthArc | *Swift, Mongo*

Aug. 2024 – Dec. 2024

- Configured and maintained a robust MongoDB backend and macOS virtual machine, implemented secure encryption and hashing for user data, and optimized local caching using Swift Keychain and AppStorage
- Developed comprehensive user and nutrition controllers, integrating meal/macro tracking with Apple HealthKit
- Validated nutrition information, identified macro outliers, and wrote 39 automated Vapor unit/integration tests

MAES Web App | *Ruby on Rails, MySQL*

Feb. 2024 – May 2024

- Led the design and development of a responsive merchandise website for MAES using Ruby on Rails and Docker, enhancing desktop and mobile access
- Implemented secure authentication using Google OAuth 2.0 and Devise, safeguarding user data and web pages
- Engineered 62 RSpec tests with a 100% pass rate and ensured zero security vulnerabilities using Brakeman

Cava Website | *Bootstrap, PostgreSQL*

Oct. 2023 – Dec. 2023

- Developed a responsive Cava website using Bootstrap and JavaScript, increasing accessibility across all devices
- Integrated a POS system and customer ordering page, improving accessibility score by 50 points for users requiring translation and screen readers
- Collaborated with a team using Agile practices to design the website, accelerating project delivery

Instagram Follower Application | *Java, JavaFX, FXML*

Apr. 2023 – June 2023

- Engineered a JavaFX-based GUI for an Instagram follower app, bolstering user interaction
- Employed Java objects and functions to compare follower and following HTML lists, generating a list of non-reciprocal followers
- Designed an intuitive interface that displays user list in a TextArea and includes buttons to browse local files

TECHNICAL SKILLS

Languages: C++, Python, Java, Ruby, Javascript, SQL

Applications: Microsoft Word, Microsoft Excel, Google Workspace Programs

Developer Tools: Visual Studio Code, Docker, Git, Eclipse, AWS, Heroku, Google Cloud Console, VMWare