

# Jeffrey Li

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## EDUCATION

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### University of Georgia

*B.S. Computer Science*

GPA: 3.81/4.00

Aug. 2022 - May 2025

*Athens, GA*

## PROFESSIONAL EXPERIENCE

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### U.S. Air Force

*Computer Science Intern*

June 2024 - July 2024

*Robins AFB, Warner Robins, GA*

- Developed and locally deployed a RAG based LLM chat agent to allow users to query information from sensitive documents while also adhering to policies regarding secure networks.
- Used NextJs, React and Tailwind CSS to provide a modern and user friendly interface.
- Integrated keycard based authentication using Keycloak for security and enforce role-based access.
- Worked with LLM quantization techniques to scale down models and increase inference speeds on hardware with limited resources, allowing for a wider range of possible host machines.
- Utilized Docker for application containerization to allow for easy deployment and scaling.

## PROJECTS & OUTSIDE EXPERIENCE

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### E\_cinema Booking Site | *Nextjs, React, Tailwindcss, Drizzle ORM, Clerk Auth*

Jan. 2025 - May 2025

- Collaborated with a team of 5 to create a full stack movie booking platform
- Built a modern and responsive frontend using Nextjs, React, and Tailwind CSS.
- Implemented secure user authentication and role-based access (guest, logged-in user, admin) using Clerk auth.
- Designed and integrated backend features with Next server actions and Drizzle ORM.
- Delivered an end-to-end experience including movie browsing, booking, and administrative management.

### DevDogs

*Club Leadership: Web-scraping Team Lead*

Sept. 2024 - Dec. 2024

- Led a sub-team of 5+ developers through multiple two-week sprints, applying Agile methodologies to drive efficient, iterative progress
- Collaborated cross-functionally with other team leads and project managers to ensure inter-team alignment and streamline overall development velocity
- Directed data extraction efforts across multimodal sources, including PDFs, dynamic web pages, and RESTful APIs

### UGA Hacks 8 - Hackathon | *Python, Flask, REST APIs, Jinja/HTML/CSS, Git*

Feb. 2023

- Designed and developed a website using Flask and Jinja/HTML/CSS that estimated the gas cost of an inputted travel route.
- Utilized embedded Google Maps and Google Location APIs to enable users to input locations and obtain accurate distance data for trip planning.
- Integrated a gas price API to calculate the trip's gas cost based on trip data and user-inputted MPG to account for various car models.

## TECHNICAL SKILLS

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**Languages:** Python, Java, Typescript/Javascript, HTML/CSS, C

**Skills/Tools:** Git, Docker, Visual Studio Code, Emacs, Command Line, LaTeX, REST APIs, NextJs, React, Tailwind CSS, ROS2, KeyCloak, FastAPI, Selenium, Flask, JavaFx, Microservices

## RELEVANT COURSEWORK

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Systems Programming (C/C++), Software Engineering, Data Structures, Algorithm Analysis, Computer Architecture, Computer Networks, Artificial Intelligence, Mobile Robotics, Cryptography, Linear Algebra