

# Hamza Salahuddin

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## EDUCATION

### Bachelor of Science in Computer Science

Georgia Southern University

May 2026

Statesboro, GA

- Related Courses: Advanced Software Engineering, Computer Security, Algorithms Design and Analysis, Database Systems, Distributed Web Design, Operating Systems

## LEADERSHIP

### Vice President

Association for Computing Machinery (ACM)

August 2025 – Present

Georgia Southern University

- Led planning and logistics for ACM events, increasing participation, engagement and inclusion for students
- Organize hackathons, networking events with other clubs on different campuses such as TDA in Savannah, and project development initiatives for 100+ members.

## WORK EXPERIENCE

### Student Assistant

Georgia State University

September 2022 – December 2024

Atlanta, GA

- Led and trained a 10+ member team, improving order turnaround time and maintaining 100% safety compliance

### Intern

Gallant

Summer 2019

Bandar Seri Begawan, Brunei Darussalam

- Analysed industry trends and competitor data to support strategic decisions

## PROJECTS

### Flight Booking Web App | PostgreSQL, HMTL/CSS, Spring

Fall 2024

- Built a CRUD-based booking platform with DAQAuthenticator
- Used Spring framework for a robust and flexible backend service and transactional business logic
- Implemented accessible UI patterns to support user accommodations, meals, embedded in the database for data integrity and efficient data manipulation

### Trainline | Django, Docker, React, PostgreSQL

Spring 2025

- Developed a full-stack, RESTful API train booking system combined with a responsive UI with perks, accommodations, & loyalty program with tiers simulation contributing 20% improvement on total revenue.
- Built modular React components using JSX/TSX with end-to-end booking flows including dashboard, authenticated user experiences, seat selection, payments, notifications, and real-time chat.
- Normalized relational schema in PostgreSQL for improved data integrity & relationships with every user, containerized in Docker for portability.

### meeting-to-tasks | FastAPI, Ollama (phi3:mini), GitHub Issues

Fall 2025

- Built a RAG-based system that converts meeting transcripts into GitHub Issues using FAISS + LLMs, reducing manual task creation after sprints with lightweight tools such as Vite for frontend
- Sentence-Transformers for embeddings and FAISS (local) vector store used to better understand large transcripts (meetings) with JSON configuration for the AI model
- Designed for easy LLM provider swapping (local and hosted APIs)

## TECHNICAL SKILLS

Languages | Python, Java, JavaScript, SQL, HTML5, CSS

Backend | Django, Node.js, Spring, FastAPI

Frontend | React, Vite, Next.js

Tools & Database | GitHub, Docker, Postman, DBeaver, PostgreSQL