

Hamza Salahuddin

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Summary

Computer Science student and ACM Vice President with experience in full-stack development, relational databases, and technical leadership. Seeking opportunities to apply software engineering and leadership skills in internships and coding endeavors

Education

Georgia Southern University — Statesboro, GA

Bachelor of Science in Computer Science (Expected 2026)

Relevant Coursework: Advanced Software Engineering, Computer Security,
Database Systems, Algorithm Design & Analysis, Linear Algebra

Georgia Military College — Warner Robins, GA

Associate of Science, Computer Science • Associate's Degree, General Studies •
2020–2022

Birkerød Gymnasium — Birkerød, Denmark

IGCSE Diploma • 2017–2019

Experience

Vice President, Association for Computing Machinery (ACM)

Georgia Southern University — Statesboro, GA • 2025–2026

- Elected VP of ACM, sole computing and engineering club on campus
- Organize hackathons, networking events, and project development initiatives for 100+ members
- Collaborate with faculty advisor Dr. Ryan Florin and executive board to expand member opportunities
- Support departmental outreach and mentor students in technical project development

Student Assistant

Georgia State University — Atlanta, GA • 2022–2023

- Supervised and trained a 10+ member dining services team, improving efficiency and safety compliance
- Streamlined inventory management, reducing shortages by 20% and minimizing waste

- Oversaw high-volume operations, ensuring customer satisfaction and service quality

Intern

Gallant SDN BHD — Bandar Seri Begawan, Brunei Darussalam • 2019–2020

- Conducted research on industry trends and competitor performance to support strategic decisions
- Gained exposure to corporate governance processes and financial management practices
- Assisted staff during meetings with government bodies, enhancing knowledge of operations

Projects

Trainline (Spring 2025)

- Developed a full-stack train booking system with Django REST API, React, and MySQL
- Implemented user authentication, membership perks, seat selection, ticket booking, transactions, notifications, and chat
- Designed and normalized a relational schema (User, Ticket, Passenger, Payment, Notifications)

Flight Booking Application (Fall 2024)

- Built a CRUD-based booking platform with PostgreSQL, REST APIs, and HTML/CSS
- Integrated DAOAuthenticator for secure login and implemented transaction-backed booking

DFA Checker (Summer 2024)

- Created a deterministic finite automata checker in Java and Python
- Designed rules and states to validate input strings, enhancing flexibility with multi-language support

Skills

- Technical Skills: Python, Familiarity with SDL, Java, C#, Spring, JavaScript, React, Django, .NET, PostgreSQL, MySQL, HTML, CSS, Assembly, C, C++
- Tools/Environments: Git, Vim, Visual Studio 2022, Bash, PowerShell, Linux, REST APIs, x86, Eclipse, VS code
- Languages: English (fluent), Urdu (fluent), Danish (conversational), Malay (conversational)