

Fahad Faisal

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EDUCATION

Southeast University

Bachelor of Science in Computer Science and Engineering

Tejgaon, Dhaka

Nov 2023–present

Kazi azmim uddin college

Background Science

Joydebpur, Gazipur

2020 – 2022

EXPERIENCE(DEMO, COPIED FROM TEMPLATE)

Undergraduate Research Assistant

Texas A&M University

June 2020 – Present

College Station, TX

- Developed a REST API using FastAPI and PostgreSQL to store data from learning management systems
- Developed a full-stack web application using Flask, React, PostgreSQL and Docker to analyze GitHub data
- Explored ways to visualize GitHub collaboration in a classroom setting

Information Technology Support Specialist

Southeast University

Sep. 2023 – Present

Tejgaon, Dhaka

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 200 printers across campus

Artificial Intelligence Research Assistant

Southeast University

May 2024 – present

Tejgaon, Dhaka

- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- Developed a game in Java to test the generated dungeons
- Contributed 50K+ lines of code to an established codebase via Git
- Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

PROJECTS

HMS | *Java, JavaFX, MySQL*

October 2025 – Present

- Developed a Hospital Management System Desktop Application using JavaFX designed with the help of Scene Builder and used Java for writing controllers.
- Implemented Different user's login and signup panel by validating data from relational database(mysql)

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS

Frameworks: React, Node.js, JUnit, WordPress, Material-UI

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

Libraries: pandas, NumPy, Matplotlib