EISA CHAUDHARY

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EDUCATION

University of South Carolina Beaufort, Bluffton, SC
Bachelor of Science   GPA: **4.0**   May 2025
Major: **Computational Science** | Minor: **Mathematics**
Relevant Coursework: Web Development | Agile Practices in Software Development | DBMS | Data Structures & Algorithms (DSA) | Object-Oriented Programming (OOP) | Software Testing & Quality Assurance | Machine Learning | Data Visualization & Analysis | Computer Graphics | High Performance Computing | Multivariable Calculus | Linear Algebra

HONORS & AWARDS

University of South Carolina Beaufort, International Students Scholarship   August 2022 – Present
University of South Carolina Beaufort, President's list/Chancellor's list   Fall 2022, 2023 | Spring 2023, 2024, 2025

SKILLS

Programming Languages: Java, C/C++, Python, JavaScript, HTML/CSS, PHP, SQL, R, C#, VBA
Frameworks & Tools: React.js, Node.js, Express, MongoDB, AWS (EC2, S3, Route53), Git, GitHub, Bitbucket
CI/CD & DevOps: GitHub Actions, Bash scripting, REST APIs, Automated Testing, Deployment
Technology Tools: Other Tools: Unity, Visual Studio, NetBeans, Eclipse, Greenfoot, SSMS, Shortcut, Plastic SCM, Dash, Scikit-learn

RELEVANT EXPERIENCE

Communities in School, South Carolina, United States
Intern, Full-stack Web Developer - https://hamptoncountyresourcecenter.org/   May 2024 – August 2024
- Developed a fully functional website using the MERN stack with RESTful practices as a full- stack developer.
- Designed & deployed the project via AWS Console, gaining hands-on experience in manual cloud setup and deployment.

Independent Research with Dr. Fusi — University of South Carolina Beaufort
Predicting Success in STATB201: A Machine Learning Approach   Spring 2025
- Conducted supervised learning research to predict student outcomes in STATB201 based on prior math coursework and grades.
- Performed data cleaning, feature engineering, and evaluated multiple ML models including LR, decision trees, and k-nearest neighbors.
- Tuned hyperparameters and compared model performance using accuracy, precision, and confusion matrices.
- Built a Dash dashboard to visualize predictions and support advising for at-risk students.

USCB IT Help Desk, South Carolina, United States
Student Worker, Help Desk   February 2024 – Ongoing
- Proficiently resolve IT support tickets, ensuring prompt resolution of technical issues for faculty and staff.
- Facilitate the installation and configuration of new phone systems, enhancing communication infrastructure within the university.

Sahu Technologies, Mumbai, India
Intern, Web Design and Testing   August – September 2021
- Planned and completed website design for anonymous client within the span of 6 weeks; converted material effectively into HTML
- Delivered final deliverables and overall design to client in timely and efficient manner

SELECTED PROJECTS

University of South Carolina Beaufort, College of Sciences and Engineering, Bluffton, SC
Java Algorithmic Design, Full Stack Web App - https://habitly-team6.netlify.app/   **Technologies:** *React, Spring Boot, SMILE ML library*
- Built a full-stack habit tracker with interactive dashboards for creating, monitoring, and visualizing habits.
- Integrated machine learning to predict habit completion likelihood based on past behavior.

University of South Carolina Beaufort, College of Sciences and Engineering, Bluffton, SC
Java Algorithmic Design, Video Game - https://www.greenfoot.org/scenarios/30358   **Technologies:** *Java, Greenfoot*
- Won 1st place for final project presentation of game's algorithmic design and coding
- Developed action and arcade game style based on frightening Philippine's mythology, Manananggal

Vidyalankar Polytechnic Institute, Mumbai, India
Capstone Course, Online Tutoring Website   **Technologies:** *HTML, CSS, JavaScript, Ajax, PHP, Node, JS, MySQL*
- Awarded 1st place for group project out of 50+ submissions for annual application project exhibition
- Developed comprehensive website to help students learn to code in a variety of programming languages

EXTRACURRICULAR ACTIVITIES

University of South Carolina Beaufort, Bluffton, SC
Webmaster, Association for Computing Machinery - USCB's ACM Website's   December 2023 – May 2025

Hackathon events
- **Vidyalankar Polytechnic Institute**, Mumbai, India (2nd place)   March 2022
- HackNC, UNC, North Carolina, US| our project - https://devpost.com/software/local-pioneer   November 2024