

# SALEHA IFTIKHAR

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## EDUCATION

### Gettysburg College

Bachelor of Science in Computer Science; Minor in Data Science; Minor in Mathematics

Expected Graduation: May 2026

**Awards:** Eisenhower Scholar, Dean's Honors List, Dean's Commendation List, Pi Mu Epsilon Member - Math Honors Society

**Relevant Courses:** Object Oriented Programming, Data Structures & Algorithms, Database Systems, AI, Theory of Computation, Assembly Language, Data Science Programming, Linear Algebra, Calculus III, Abstract Math, Web Development, Operating Systems

## SKILLS

**Programming Languages:** Python, Java, Ruby, JavaScript, PHP, HTML, CSS, SQL | **Frameworks/Libraries:** Ruby on Rails, Bootstrap, Streamlit, NumPy, Pandas, Seaborn | **Tools/Techologies:** Git, WordPress, Gravity Forms

## TECHNICAL EXPERIENCE

### Software Developer - [Impact Rehab](#) (Senior Capstone Project)

August 2025 - Present

Computer Science Department

Gettysburg College, PA

- Engineered a full-stack physiotherapy management app using PHP, JavaScript, and MySQL, automating MSK score calculations and streamlining patient data workflows.
- Implemented secure authentication, session management, and real-time analytics with JSON and Chart.js.
- Led a 3-member team through full SDLC execution, from ER-modeled database design to deployment, ensuring scalable, production-ready performance.

### Web Development Intern

May 2025 - August 2025

Enlisted Association of the National Guard - EANGUS

Washington, DC

- Developed a WordPress plugin using PHP, JavaScript, and MySQL to manage 1,000+ leadership records across 5 directory sections, implementing secure admin forms, dynamic shortcodes, and responsive UI.
- Streamlined website UI, asset management, and data workflows to improve accuracy and long-term efficiency.
- Enhanced digital outreach for advocacy, education, and fundraising through web design, messaging, and data visualization.

### Software Engineer Intern

May 2025 - Aug 2025

Stealth Startup - The Tone Core

Remote

- Developed core features for a Rails 8 + Hotwire trading platform, enabling real-time trades, user management, and live notifications.
- Streamlined UX with Tailwind CSS and optimized multi-step trade flows to reduce friction and boost engagement.
- Contributed to agile development with GitHub, Docker, and PostgreSQL; wrote RSpec tests, enforced RuboCop, and supported Kamal deployments.

### Fuerza - [Fitness Social Media Web App](#)

January 2025 - May 2025

Computer Science Department

Gettysburg College, PA

- Developed a full-stack platform using PHP, MySQL, and JavaScript that lets users log workouts, share posts, and message.
- Designed and maintained normalized database schemas supporting workouts, exercises, user posts, and messaging features.
- Collaborated on frontend integration using Bootstrap and implemented dynamic post-creation and modular backend utilities.

## LEADERSHIP AND STUDENT LIFE EXPERIENCE

### Residential Assistant & Coordinator

August 2023 - Present

Office of Residential Education

Gettysburg College, PA

- Foster a supportive living environment for 35 first-year students by leading monthly community meetings, facilitating roommate agreements, and organizing social events to promote inclusivity.
- Supervise 6 RAs through weekly meetings, providing mentorship and addressing community needs to enhance engagement.

## OTHER EXPERIENCES

### Digital Engagement Analyst

August 2023 - December 2023

Department of Annual Giving

Duke Children's Hospital

- Analyzed donor engagement data from 500+ phone calls and surveys using Python, uncovering key trends.
- Shared data-driven insights with the Communications team, optimizing website interactions and boosting donor engagement.

## EXTRACURRICULARS

### Science and Innovation Research Undergraduate Fellow at Gettysburg College

August 2025 - Present

### Student Life Committee Member at Gettysburg College

July 2025 - Present

### International Student Ambassador and Campus Tour Guide at Gettysburg College

September 2022 - Present