

Zubin Jha

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he/him

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OBJECTIVE

Recent Computer Science graduate with experience seeking a full-time role in software engineering. Versatile and eager to contribute across various facets of development including full stack, frontend, backend, UI, & data systems.

EDUCATION

OHIO STATE UNIVERSITY

Bachelor of Science in Computer Science & Engineering, minor in Mathematics (GPA 3.3)

Columbus, OH

May 2025

WORK EXPERIENCE

Software Engineer Intern, Ohio State Athletics

May 2025 - Aug 2025

- Modernized internal tools by upgrading legacy systems from Bootstrap 3 to 5 for improved maintainability.
- Developed & collaborated on a department-wide forms portal using C#, .NET, JavaScript, CSS, and SQL Server.
- Worked on the application team to develop special features for athletic department (athletes, coaches, & staff) to schedule & manage events such as practices, meetings, & competitions. Used AWS S3 for data handling/storage.

Sales Associate, Fleet Feet

May 2023 - May 2025

- Proactively developed software upon identifying an unmet need, for the regional branch to analyze competitor shoe inventory and compare in-store sales trends across previous periods. Managed inventory & shipping orders.
- Scheduled this software to run weekly; it proved to be highly useful, specifically for identifying gaps in local availability to optimize on-site orders and improve product selection based on demand predictions.

PROJECTS

Independent Projects

- College Football Model: Built a full-stack NCAA football analytics platform with a custom simulation engine (Python, Pytorch, scikit-learn, SQLite), RESTful API (FastAPI), & interactive frontend (React, TypeScript, Tailwind). The model, powered by Monte Carlo simulations & per-play logistic regression ratings, consistently beats the 50% critical threshold by 2-4 points ATS across all games & Power Five matchups. [App on Vercel](#) with CI/CD (GitHub Actions) and automated testing.
- Built a cross-platform desktop app to automate a previously manual process which previewed and scored virtual cross-country meets from TFRS race data, with Excel export and live team scoring. [Source Code](#)

Senior Capstone *Deployed on Vercel for public use:* [Live Demo](#)

- Developed a web app that helps users identify movies from plot descriptions using Elasticsearch and various public APIs (Rotten Tomatoes, TMDb, etc.). Created platform to display movie details, posters, trailers & reviews

Team-Based Course Projects

- Designed an interactive website using React and Ruby on Rails, allowing users to log in and schedule hypothetical vaccinations and appointments for pets. Served as primary coder for this successful project.

TECHNICAL SKILLS

- **Programming Languages:** C, C#, C++, Java, Python, Ruby, JavaScript, TypeScript, SQL, R, HTML, CSS
- **Frameworks & Tools:** .NET, ReactJS, Blazor, Tailwind, Angular, Elasticsearch, Vercel, scikit-learn, Pytorch
- **AI & Data Analysis:** Machine Learning, Predictive Modeling, Statistical Analysis, Data Visualization
- **Software Development:** Solution Design, Agile Methods, Software Testing, Full-Stack Development

COLLEGIATE ATHLETICS

Tri-Season NCAA Division 1 Athlete for The Ohio State University

August 2020 - May 2025

- *Team Captain, 2022-2025*

Men's Cross Country | Men's Indoor Track and Field | Men's Outdoor Track and Field

AWARDS

- Academic All-Big Ten Scholar Athlete: Fall 2020 - Fall 2024
- Big Ten 2024 Cross Country Watch List • *Lead like a Buckeye*, Cross Country Team Delegate