

Michael Baren

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Address: 2258 Georgetown Circle, Aurora IL, 60503

Education

Purdue University - BS

Expected Graduation date: May 2025

Major: Computer Science **Minor:** Mathematics **GPA:** 3.9 in major / 3.86 overall

Notable accomplishments: Admitted to the Honors College. Dean's List in Fall 2022, Spring 2023, Fall 2023, Spring 2024, Fall 2024. 7-semester member of the Athletic Director's Honor Roll and 3 time All B1G 10 Academic team. Initiated into the Alpha Lambda Delta Honor Society for First-Year Academic Success and the Phi Eta Sigma National Honor Society.

Relevant studies: Projects included writing a web server and creating a custom malloc function in C, building an education-based application with a GUI written in Java, and training predictor models using the Python pandas and pytorch libraries. Coursework includes Object-Oriented Programming, Systems Programming, Artificial Intelligence, Networking, Graphics, and Algorithms.

Experience

HirexHire | Chicago, IL

2023-Present

Software Development Intern

Worked independently to research, build, and test a new Applicant Tracking System

- Collaborated with 1 other developer to build a full-stack ATS
- Developed the procedures to facilitate retrieval and manipulation of the information stored in a convex database
- Designed the UI to allow for easy navigation throughout the system, visually linking all components of the data model to create a positive user experience.
- Engineered a custom API capable of file uploads and streaming to generate job descriptions with OpenAI
- Implemented HTTP response handling and other enhancements for form submissions and data fetching
- Conducted independent research to learn Next.js and React best practices to build the app with a convex database

Purdue University Cheerleading Team | West Lafayette, IN

2021-Present

NCAA Division 1 Student Athlete

2023 team MVP with multiple B1G 10 honors

- Voted MVP by teammates of the 4th place team at the Universal Cheerleading Association National Competition in 2023
- Awarded all B1G 10 Second Team and B1G 10 First Year Only Team recognition for coed cheer in 2021-2022 season
- Cheered year round for 4 years at football, men and women's basketball, women's volleyball games, high school clinics and other community events.

Illinois Recreation Cheer Association Camp | Kenosha, WI

Summer 2022, 2023

Cheerleading Coach

Member of NCAA cheerleading staff for a youth cheer camp

- Selected as one of the most elite NCAA cheerleaders from around the country to make up the camp staff
- Taught skill progression and provided a fun environment to help the athletes grow their passion for cheerleading

US National Cheerleading Team | Greater Chicago Area, IL

2020-2022

Junior Coed Elite Team Member

Represented the USA for 3 consecutive years

- 2022 team captain and 2-time gold medalist at the International Cheerleading Union Competition
- Travelled 4+ hours to and from college and practiced 6+ hours every weekend for 3 months during 2022 spring

Other Experience

2-time USA Gymnastics national parallel bar medalist. Competitive gymnast throughout high school. Tutored high school students in calculus. Attended the National Student Leadership Conference for 2 summers with focusses in architecture and engineering. Played clarinet in the top band in high school and composed 2 original music pieces.