

Shahmir Khan

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OBJECTIVE

As a highly motivated and results-oriented graduate student, I am eager to secure a Software Engineering internship where I can utilize my technical expertise in programming, software development, and problem-solving across diverse domains. My goal is to contribute to innovative projects and gain valuable industry experience.

TECHNICAL SKILLS

Java	React.js	SQL Database Management
Python	C++	Project Management
node.JS	Ruby	TDD

EDUCATION

Master of Science	Expected May 2026
Software Engineering Rochester Institute of Technology	4.0 GPA
Bachelor of Science	May 2024
Biomedical Science University at Buffalo	

PERSONAL PROJECTS

BetterMaps Sept 2024 - Present

- Collaborating with a team of four other graduate Software Engineering students to create an intuitive platform that helps users easily navigate campus using real-time map data and personalized features.
- Utilizing the Google Maps API to integrate detailed tunnel routes, building layouts, and location-based services.
- Key features include the ability for users to save preferred locations and routes, and access faculty office hours and building operating hours for improved campus accessibility.
- Focused on delivering a seamless user experience through a combination of efficient location tracking, intuitive UI design, and real-time data updates.

BetterHealth Nov 2024 - Present

- Early development for a full-stack application that will allow for ease of use while diagnosing and charting patients.
 - The app will allow physicians to intuitively look up diseases in an included database, and seamlessly add it to patient charts, while also being able to translate the information based on their needs.
 - This product is intended to be deployed in 3rd world countries that do not have standardized patient charting procedures or technologies, and heavily rely on paper charting. Ideally, it will be free for them to use, once deployed.
 - Key features include access to a functioning database of known diseases and treatments, an intuitive interface, and seamless integration of previous charts from potentially differing physicians.
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PROFESSIONAL EXPERIENCE

Software Coach Oct 2014 - Present

Southern Tier Robotics Team

- Lead development of control systems for robotics using C++, focusing on efficiency and innovation
- Guide team members in coding and problem-solving during the build season and regional competitions
- Coordinate meetings and regional event participation, contributing to team success at multiple competitions