

# Imran Khan

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## EDUCATION

### University of Illinois at Chicago

*Bachelor of Science in Computer Science*

GPA: 3.95/4.0

*Expected: Dec 2024*

**Relevant Coursework:** Data Structures, Computer Algorithms, Machine Organization, Languages and Automata, Systems Programming and Design, Computer Design, Natural Language Processing, Database Systems, Artificial Intelligence, Object-Oriented Programming, Operating Systems, Machine Learning

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++, SQL, JavaScript, HTML/CSS, Go, R, MongoDB Bash, Haskell, MATLAB, Assembly (x86-64)

**Frameworks:** Agile Methodologies, Node.js, React.js, Docker, Maven, Google Test, Valgrind, GDB, Rest API, Kubernetes, jQuery, Jira

**Developer Tools:** Git, GitHub, GCP, Microsoft Azure, AWS, VS Code, Eclipse, Vim, R Studio, GCC, SDLC, Linux

**Libraries:** pandas, NumPy, Matplotlib, Arduino Scripting

## EXPERIENCE

### Software Engineer Intern

December 2023 – Present

*Boosted Biz*

*Chicago, IL*

- Played a key role in backend engineering tasks, including hosting, database management, and API integration, while participating in strategic planning for business development and user engagement.
- Spearheaded the development of an AI chatbot feature for Boosted Biz, utilizing JavaScript, CSS, Angular, and Python, enhancing user experience and supporting customer interaction on the platform.
- Actively contributed to business growth discussions, proposing strategies to expand market appeal and increase brand visibility, aligning technical solutions with business objectives.

### Software Engineer Intern

June 2023 – August 2023

*66Degrees*

*Chicago, IL*

- Developed and optimized Google Cloud Service APIs, enhancing operational efficiency by 50% and accelerating project completion by 20%.
- Led a high-impact research project on Google Cloud Services, resulting in a case study with a 90% satisfaction.
- Established innovative API service call patterns, adopted by multiple development teams for front-end integration.
- Enhanced cloud application performance and stability through Java and Python code optimization in a collaborative team setting.
- Contributed significantly to Agile development processes and optimized internal release pipeline configuration, resulting in a 15% improvement in deployment efficiency.

### Software Development Educator

June 2022 – August 2022

*University of Illinois at Chicago*

*Chicago, IL*

- Revamped programming curriculum, boosting student engagement and increasing assessment pass rates by 25%.
- Analyzed feedback to enhance course content, aligning with industry software standards using SQL and Python.
- Guided hands-on projects, leading to an 80% completion rate and motivating 50% of students

## PROJECTS

### Real-Time Weather App [Github Link](#) | *React.js, Node.js, HTML, CSS, API Integration, Docker* December 2022

- Engineered the app using React.js and Node.js, integrating Rapid API and OpenWeatherMap for real-time data, resulting in a 75% increase in user engagement.
- Implemented Moment.js for responsive design and leveraged Docker for efficient deployment, demonstrating adaptability and proficiency in modern web technologies

### Multiplayer 3 Card Poker Game [Github Link](#) | *Java, JavaFX, Sockets, Multi-threading* February 2023

- Developed Java-based 3-Card Poker game with JavaFX and Sockets, improving efficiency by 10%.
- Proficient in Maven (95% JUnit 5 pass rate) and multi-threading for optimized performance. Designed an intuitive client interface, boosting user satisfaction by 15%.