Imran Khan

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EDUCATION

University of Illinois at Chicago — GPA: 3.95/4.0
Bachelor of Science in Computer Science — *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, MangoDB 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 — 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.

Teaching Assistant — January 2023 – Present
UIC Computer Science — *Chicago, IL*
- Developing lesson plans to teach MATLAB, C++, and Python programming languages to 50+ students.
- Conducting personalized office hours, addressing student challenges, and promoting problem-solving abilities.
- Facilitating group discussions and providing feedback on coding projects, enhancing students' leadership

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 | *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 | *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 %.