

Jacob Kim

Chicago, IL

☎ (847) 778-9147 | ✉ jacobkim0119@gmail.com | 🏠 www.jacobkim.dev | 📺 JKim0119 | 🌐 JKim0119

Experience

Docusign

Chicago, IL

SOFTWARE ENGINEER

Nov 2021 - Present

- Enhanced user satisfaction by implementing real-time sorting for search results and introducing advanced filtering options for reporting, resulting in improved user engagement
- Led the development of a collection of specialized reports, utilizing document attributes and significantly improving data accessibility, which contributed to increased client retention
- Streamlined the integration of automation testing into multiple deployment pipelines, improving the bug-catching process and overall testing effectiveness

Alley

Chicago, IL

CO-FOUNDER & CTO

Jan 2021 - Aug 2021

- Led the modernization of tennis by co-designing and developing a platform that connects and facilitates competition among players of similar skill levels, fostering a thriving community of over 500 users
- Utilized advanced technologies including Firebase for user authentication, Websockets for real-time chat, PostgreSQL for efficient data management, and AWS S3 for streamlined image storage to create a robust and responsive platform
- Managed agile development cycles, consistently delivering new features and addressing user-reported issues, resulting in a rapidly growing user base and high levels of user satisfaction

Allstate

Chicago, IL

FULL STACK SOFTWARE ENGINEER

Sep 2019 - Jan 2021

- Designed and developed an in-house solution for secure application deployment across the enterprise, featuring a Java/Spring backend, ReactJS frontend, and MSSQL database to ensure robust and efficient deployment processes
- Streamlined enterprise-wide security by creating an internal scanning tool that seamlessly integrates with third-party security applications, enhancing overall security posture and reducing vulnerabilities
- Led the development of an image scanning microservice tool and orchestrated its deployment using Kubernetes, facilitating efficient and scalable image scanning capabilities within the organization

IBM

Poughkeepsie, NY

PHYSICAL DESIGN ENGINEER & PROGRAMMER

Jul 2018 - Sep 2019

- Boosted efficiency by reducing simulation run times for chip design by over 10% through the analysis of historical chip data using Python and the provision of optimized inputs
- Mentored an intern in a data visualization project, focusing on the organization of simulated chip data using MongoDB, fostering skill development and knowledge transfer within the team

Projects

Illinois Covid-19 Stat Tracker

Apr 2020 - May 2020

- Developed a dedicated website to monitor and display COVID-19 statistics specifically for the state of Illinois
- Leveraged AWS Lambda for serverless data processing, storage, and visualization

Footwork

Apr 2019 - May 2019

- Designed and developed an Android app tailored to tennis athletes, enabling them to refine their footwork skills
- Simulated a tennis rally to replicate matchplay scenarios, focusing on footwork training for athletes

Education

Lehigh University • GPA: 3.74 / 4.00

Bethlehem, PA

B.S. IN ELECTRICAL ENGINEERING • MINORS IN APPLIED MATHEMATICS AND COMPUTER SCIENCE

Aug. 2014 - May. 2018

Skills

Programming Languages Java/Spring • JS/React • Python

Other AWS • Firebase • Git • MSSQL • PostgreSQL • DynamoDB