

Andrew Kim

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EXPERIENCE

JPMorgan Chase & Co. — Software Engineer (Chicago, IL)

August 2024 – Present

- Developed and deployed robust, scalable full-stack features for reference data engineering and legal entity applications.
- Resolved a critical compliance incident impacting 1,300+ users, including senior management, by diagnosing backend SQL scripts and leading an emergency production release, reinforcing system reliability and stakeholder trust.
- Eliminated 100% of container downtime by leading root cause analysis and integrating Dynatrace with Kubernetes, improving observability, automating monitoring, and enhancing security through proactive code rescanning.
- Won 1st place among 84 new hires by collaborating with a team of 6 to develop and present a full-stack Java/React/SQL application, earning the Product Owners' Showcase Award.

JPMorgan Chase & Co. — Software Engineer Intern (Chicago, IL)

June 2023 – August 2023

- Implemented cost-saving optimizations of major fintech applications through pipeline migrations, caching of container images, and performance enhancements across both Amazon EKS and on-premises Kubernetes environments.
- Mitigated 68+ security vulnerabilities across server infrastructure by employing AaaS via Ansible to deploy microservices.
- Modernized continuous deployment pipelines using Spinnaker, implementing blue/green deployment strategies.

Garmin — Software Engineer Intern (Olathe, KS)

May 2022 – August 2022

- Redesigned UI and features of settings for an integrated RV smart display based on Android and Java.
- Reduced time taken for RV composite cameras to load upon launch and toggle from 2 seconds to <1 second.
- Collaborated with teammates in an Agile-oriented environment; utilized Jira, Azure DevOps, and Gerrit (for code review).

Google — CSSI Scholar (Remote)

July 2021 – August 2021

- Selected for a highly competitive 4-week intensive computer science program for top-performing students.
- Configured 14 individual coding projects in JavaScript, implementing concepts such as encapsulation and abstraction.

EDUCATION

Georgia Institute of Technology

January 2025 – December 2027

Master of Science, Computer Science

- GPA: 4.0

University of Missouri - Columbia

August 2021 – May 2024

Bachelor of Science, Computer Science & Information Technology

- GPA: 3.988 (Major), 3.919 (Cumulative); *Summa Cum Laude* and *Honors Scholar*

SKILLS

Java | Python | C++ | React | JavaScript | CI/CD | Spring | Kubernetes | AWS | Docker | Android | UNIX | Linux | Agile | Git

PROJECTS

Google (Hack with Google, a 24 Hour Hackathon) — No-Code Smart Contracts

July 2023

- Won 3rd place with 3 peers in Chicago; utilized Google AppSheet, Google Cloud, an Express server, Solidity, and Ethereum.
- Developed a no-code tool to quickly create and deploy smart contracts, reducing reliance on legal and developer resources.

JPMorgan Chase & Co. (Code for Good: Chicago, a 24 Hour Hackathon) — Legacy Builders' Web Portal

October 2022

- Won 1st place (out of 100 invitees & over 1,000 applicants); collaborated with a team of 7 in Chicago using a PERN stack.
- Built a modern web application for a nonprofit (Refined & Refreshed) to increase engagement and accessibility.

TigerHacks (36 Hour Hackathon) — spacenav.andrewkim.tech

November 2021

- Won 1st place (out of 208 participants) in the beginner category; collaborated with a team of 7 using GitHub at Mizzou.
- Created an educational, interactive pixel-art Solar System using Unity, C#, Apache, and Google Cloud.

HONORS & AWARDS

JPMorgan Chase & Co. — Product Owners Showcase Award

August 2024

Atlassian — \$1,000 Most Valuable Feedback Winner — Bug Report

January 2023

U.S. Department of Defense — STEM SMART Award Winner

April 2022

National Merit Finalist & Scholarship Recipient

February 2021

CERTIFICATIONS

AWS (Amazon Web Services) — Certified Cloud Practitioner

October 2024