

SOL KIM

CONTACT

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EDUCATION

Brown University
Sc.B., Computer Science
2015-2019

SKILLS

• Asana	• C
• Jira	• C#/XAML
• AWS	• Ruby
• GCP	• HTML/CSS/JS
• Python	• Figma
• Java	• Illustrator
• PHP	• Photoshop

META

Senior Technical Program Manager: Community Chats (2022-2023)

- **Instagram Broadcast and Social channels:** Drove 0→1 product launch and readied infrastructure for global rollout, scaling from 20K daily active users to 16M+ within 4 months.
- **Event chats:** Executed and shipped the most used feature of Community Chats, with 91% of all chats created being event-linked and 86% of communities creating their first chat for events.
- **Web and desktop:** Coordinated staffing, priorities, and scope alignment for the large screens team to maintain parity with mobile. Created end-to-end product pipeline process.
- Implemented org-wide PREQ (performance, reliability, efficiency, quality) workstreams across 6 engineering teams.
- Streamlined org-wide launch management with Privacy XFN, ensuring regulatory compliance.

Technical Program Manager: ML/AI Infra (2021-2022)

- **ML recommendations:** Launched faster personalization, media quality enhancement, improved ranking, and stable data sourcing features, resulting in a 6.86% increase in FB watch time and 5.73% increase in Instagram US intentional plays.
- **Model platform:** Improved an easy-to-use model development and publishing platform to shorten the ideation-to-production lifecycle for ML paradigms broadly used across Meta.
- **Capacity:** Implemented a system for capacity requests and quota management to ensure optimal resource allocation. Ran org-wide stability sprints, releasing 15k+ total machines to alleviate the capacity crunch during COVID-19.
- **Model core training and serving infra:** Leveraged CPU and GPU hardware to enable development and productionization of larger and more complex recommendation models.
- Worked on unifying Facebook and Instagram's recommendation platforms.

Technical Program Manager: AR/VR (2019-2021)

- **Upload Station:** Led the development of a secure and reliable platform for large-scale third party data collection uploads. Reduced hardware costs by 50% and scaled adoption by 450%.
- **LiveMaps:** Drove 3D map generation program. Incorporated automation and new research engines to reduce generation time by 75% and pushed for enhanced pipeline transparency.
- **AR glasses:** Created the data ingestion and anonymization pipeline for the new AR research glasses. Managed the companion app development for both research and testing mode.

Technical Program Manager Intern (2018)

- Designed and developed infra capacity models for Stories.
- Analyzed Stories reliability and availability. Set and tracked goals around health metrics.

Software Engineering Intern (2017)

- Migrated all developers.facebook.com blogs to CMS.
- Autogenerated Facebook API documentation and migrated them to CMS.

EXPAND.ORG

Product Manager (2017)

- Managed Expand product launch.
- Helped raise 78K Ether (\$80M USD at the time).

ADOBE

Software Engineering Intern (2016)

- Developed RESTful APIs on Adobe's Lightroom photography cloud platform services team, integrating AWS technologies.

BROWN GRAPHICS LAB

Research Assistant (2015-2016)

- Worked full stack on the NuSys project, a collaborative Universal Windows application, as part of a student research team led by Prof. Andy van Dam.