Patrick Xu

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SUMMARY

A software engineer with 5 years of experience building backends for 0-1 products, spanning the data, API, and tooling layers. On any given team, I enjoy working with others to understand and streamline inefficiencies with the goal of fostering an engineering culture that values continuous improvement. I'm seeking a role where I can build robust systems and make data-driven decisions with a passionate and cross-functional team.

WORK EXPERIENCE

Meta, Senior Software Engineer   2017 – 2022

- Led multiple engineering teams as a fullstack and backend engineer, where I built complex new products from the ground up and improved existing company-wide frameworks
- Mentored intern, junior, and senior engineers for career growth, technical skills, and interpersonal communication

Meta AR Placement   2021 – 2022

- TL of a team of 4 engineers exploring rich, privacy-safe AR content sharing on mobile and headsets
- Shipped a pilot feature on Instagram enabling Disney to publish AR content at 11 stores across Japan, leading to thousands of views/shares and an expanded roadmap with two new global partners

Facebook Maps Platform   2019 – 2020

- TL of a team of 4 engineers tasked with building a cohesive vision for maps across the family of apps
- Shipped a scalable map framework to add monitoring and design updates to 30+ products (e.g. check-ins, live location sharing) while coordinating with PM, legal, and design without disrupting stability for billions of users
- Built a privacy-safe logging framework to generalize location data dynamically via population density, allowing product teams to continue gathering accurate insights while protecting user privacy

Facebook Social Impact   2017 – 2018

- Backend engineer on the Mentorship team, a 0-1 product in Facebook Groups that was used by 3 million people to find mentors who can guide them in their personal and professional development
- Led 2 engineers in building data models, APIs, and growth features to bring Mentorship from internal dogfooding to onboarding thousands of new groups and users weekly

SKILLS

Languages: Python, Hack, JavaScript, GraphQL
Technologies: React, Dataswarm (data workflows), ODS (observability & monitoring), Unix, Git

EDUCATION

Dartmouth College, Hanover, NH   2013-2017
Bachelor of Arts, Computer Science