Matt Wilde

matthewcwilde@gmail.com
(650) 784-5897
linkedin.com/in/matthewwilde/

I build robust, scalable user experiences that enrich people's daily lives. I pride myself on my ability to assimilate new technologies, to delve head-first into foreign code bases, and to flow between independent work and collaborative projects.

Experience

Technical Lead on Instagram Privacy Infrastructure

Facebook | May 2021 - Present | Brookline, MA (Remote)

- Lead a team of 8 people working on frameworks in Python to express a privacy lattice to meet regulatory requirements.

Technical Lead on Location Integrity

Facebook | January 2020 - May 2021 | Cambridge, MA

- Designed, trained, and deployed GBDT ML models into production that support trust and safety.
- Modeled both the physical location and online represented location of various assets on the platform.
- Lead the effort to build IP proxy detection from scratch.

Technical Lead on Civic Integrity

Facebook | February 2018 - December 2019 | Menlo Park, CA

- Lead a small team implementing ranking changes to improve the quality of civic content on Facebook globally.
- Proposed and implemented debugging tools that allow certain ranking changes to be monitored in real time in production.
- Migrated team to new experimentation framework, allowing for a much tighter experimentation loop with a greater number of concurrent trials.

Technical Anchor on Payroll

Gusto | November 2014 - December 2017 | San Francisco, CA

- Implemented mission-critical compliance and tax calculation logic in Ruby on Rails
- Became the expert on an external compliance system and drove efficiency in this core business critical system.
- Lead a team of 5 engineers to bring majority of an external compliance system's duties in-house in 1 year

Senior Software Development Engineer on Outlook.com

Microsoft | September 2011 - October 2014 | Mountain View, CA

- Redesigned core components to invert the flow of data from inferring state based on server-rendered DOM to client rendering using templates and JSON data
- Led web performance work to accelerate the site back to snappiness, even in older browsers. Ensured that Outlook.com beat Gmail by multiple seconds to login and matched Gmail's speed in all other high-value scenarios
- Reverse engineered and parallelized ASP.NET site compilation step to cut deployment times in half
- Developed experiences across the full stack, including animations, keyboard multi-selection, undo, and compose

Education

Brown University

Sc.B., Computer Science | September 2007 - May 2011 | Providence, RI

- Co-created and taught a new course in software engineering through game development in Java on Android