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Edward Li

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EXPERIENCE

Meta Platforms, Inc.   June 2021 - October 2023
Software Engineer E3 -> E5 (Conveyor)   Cambridge, MA
- Presented during Systems @Scale 2023 on [Conveyor](), Meta's Continuous Deployment offering
- Led migration of Conveyor's internal data representation, enabling 100% adoption for 50k services
  - Tracked, and delegated milestones for a team of 5 engineers for constant progress
  - Monitored metrics, satisfaction ratings, on-call shifts to find improvements for migration
  - Filled in for front-end engineers during Meta's 2023 layoffs, ensuring roadmap completion
  - Continued to write maintainable Rust to fill in edge-cases and one-offs in migrations
- Created DSL for writing deployment configurations, balancing ease of use for simple services, and flexibility for power users, used by all engineers at Meta
- Collaborated closely w/ Security Team on bad-actor vulnerabilities and standardizing auditing in Conveyor
- Self-identified, designed, and implemented fixes to reduce latency for multiple services by up to 50%

Software Engineer E5 (Mobile Networking Services)   October 2023- March 2025
- Enabled dynamic fallback targeting for IG-iOS, Threads, improving CDN targeting rate and preventing network-based app-start failures during startup
- Unified logic for how HTTP priorities are determined for all major Meta apps, reducing experiment time
- Unified logging framework across the family of apps into a single, sharable framework on iOS and Android
- Contributed to [moxygen](), Meta's implementation of the experimental MoQ (Media over Quic) protocol

Datto, Inc.   January-June 2020
Software Engineer Intern (Datto Networking, Routers and Switches)   Boston, MA
- Worked on check-in logic, self-recovery, and health monitoring for managed network switches
- Scrubbed UI of cross-site scripting opportunities
- Led full stack feature development from Vanilla JS frontend, PHP backend, and on-device Go code

SKILLS

- **Programming Languages:** Rust, C++, Kotlin/Java, Objective-C, JavaScript, Python3
  - Highly interested in PL/Compilers on the side, language agnostic for productivity
- **Frameworks/Libraries:** React, NodeJS, Tokio, JUnit, Thrift
- **Skills and Specialties:** Unification initiatives. Seeing a migration to the "new framework" to completion

OPEN SOURCE PROJECTS

SearchNEU (React, Express, Node):   https://github.com/sandboxnu/searchneu
- A React/Node based website to facilitate easier searching of classes in Northeastern
- Created an expanded notification functionality through Facebook messenger
- Completely refactored frontend in NextJS to allow for easy Vercel deployment

Khoury Office Hours (NextJS, NodeJS, Cypress, NestJS):   https://github.com/sandboxnu/office-hours
- Web app to help TAs and students streamline the office hours experience
- Created a queueing system that allows for students to ask questions, and TAs to manage in real time
- Added notification functionality through web push and Twilio, and SSO through Northeastern University
- Served as senior developer, guiding overall architecture conversations, and being on-call for outages

EDUCATION

Northeastern University   *B.S. in Computer Science, Magna Cum Laude*, 2021

PERSONAL

Appalachian Trail NOBO 2025
- I completed a Thru-Hike of the Appalachian Trail, a 2197.4 mile continuous footpath from Georgia to Maine, from March-August 2025
- This journey exposed me to those outside of my echo chamber, and tested my ability to work with others in trying environments

Drum Corps, Winter Percussion, and Pageantry Arts
- I am an alumnus of the Pioneer Drum and Bugle Corps, and the Cavaliers Drum and Bugle Corps, members of Drum Corps International
- I am also an alumnus of United Percussion, a World Class Percussion Ensemble, and member of Winter Guard International
- I generally volunteer for both the Cavaliers and United Percussion in large portions of my free time

Community Building
- I've been a member of multiple community music ensembles, learning new instruments as needed