Yifan Li

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PROFESSIONAL EXPERIENCE

Uber Inc., San Francisco, California   Jun. 2019- Current
Senior Software Engineer

♦ Led team on design, milestones formation, implementation, monitoring and provided runbook for Demand Heatmap feature, launched domestically within 3 months of joining Uber to 63 cities, scaled to globally to a total of 152 cities, with 23 cities shadowing, showing stats sig results across key results
♦ Utilized Autotune (Bayesian optimization service) for back-testing on selected params to generate best demand heatmap that has the highest F1 classification score to 53%: ATR compared to ETR
♦ Led team on Go Mono Repo, Portability and Uber FX migration on time, doubled developer efficiency and made infra more scalable
♦ Improved SLA of Heatmap Serving service by caching of Redis on top of C*, improved P99 by 235ms or 38%, P95 of 186ms or 55%, P50 of 6.94ms or 13%, pretty close to headroom analysis of 211ms on P99

PayPal Inc., San Jose, California   Oct. 2014-Sep. 2018
Senior Software Engineer in Ads Platform

♦ Designed and developed streaming service to serve Google Ads using Spark Streaming, migrated APAC Ads traffic to in-house service which saved company $40 million subscription fee annually. Conducted full E2E load and performance testing before serving the real traffic.

Software Engineer in Payments Platform

♦ Built Next Generation Payment Platform, utilized Sprint + Java on online world

EDUCATION

Columbia University, New York, NY
M.S. in Computer Science   Feb. 2013
*Relevant Coursework***:** Analysis of Algorithms in Java, Operating System, Database System
                    Unix Command, Programming Language and Translator
                    Advanced Software Engineering, Database implementation, Mobile HCI
Beijing University of Posts and Telecommunications(BUPT), Beijing, China
B.S. in Telecommunication Engineering and Management with 1st class Honor   Jun. 2011
*Relevant Coursework***:** Programming Fundamentals in C, Object Oriented Design in Java, Internet Protocol

TECHNICAL SKILLS

Programming:	Golang, Java, Python, C, Ruby, R, PHP, HTML/CSS, SQL
Tools:	Eclipse, Git, Maven, PostgreSQL, Rails, Phabricator, Jenkins
Operating Systems:	Linux(RedHat), Windows, Mac OS X