Joe Zeng

Computer Science Class of 2019 - University of Waterloo

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SKILLS

- Languages: C, C++, Java, Python, PHP, JavaScript, Dart, HTML, CSS, SQL
- Frameworks and Libraries: Android, ReactJS, GraphQL, NodeJS, Flutter, Flask, Docker, AWS

EXPERIENCE

Facebook | Software Engineering Intern | Fall 2018 — Seattle, WA

- Converted core instant games views to server side implementations to improve product iteration velocity, and optimized views which led to increases in DAP by 2% and D1 retention by 5%
- Iterated on instant games newsfeed share units, increasing the CTR of the unit by 50% and new users to the platform by 25% compared to the control group, and enabled viral instant games
- Added sections to rate, shortcut and share games to the instant games chaining page, and enabled the page from mobile shortcuts leadings to increases of 10% in game shares and 8% in user app diversity

Social Capital LP | Engineering Fellow | Summer 2018 — San Francisco, CA

- Reduced website load time by 50% via caching, compression and CDNs
- Instrumented performance and product metrics to identify insights and enable funnel optimizations
- Implemented email drip campaigns, templates and unsubscription to improve customer conversion
- Wrote an ETL pipeline to process customer data across portfolio companies, allowing the portfolio to save on advertising costs and target customers more effectively

Google | Software Engineering Intern | Fall 2017 — Kirkland, WA

- Designed and implemented a sandbox for Google's uploads and downloads service
- Orchestrated uploader and supporting services to help users perform end-to-end requests
- Surfaced valuable information interactively via server-side streaming RPCs and WebSockets
- Improved user supportability by developing a rich suite of tools with a web ui using Polymer JS

Yelp | Software Engineering Intern | Winter 2017 — San Francisco, CA

- Designed and implemented a partner-facing API in Python that ingests order status updates
- Deployed daemons that process messages from Yelp's task queue to push thousands of order status notifications during peak ordering hours

Kik | Android Developer Intern | Summer 2016 — Waterloo, ON

- Developed a message type to share bots that increased the userbase of Kik bots by thousands of users
- Implemented bot searching in Kik's username search screen to increase bot visibility

PROJECTS

MyOrchestra - EngHack Project (*https://git.io/vtHpB*)

- Sent smart armband gesture commands to electronic instrumental devices via Socket.io to allow users to conduct an orchestra
- Won best overall project at EngHack UWaterloo