Erick Leon

erickleon.com | erick@erickleon.com | github.com/ericklikan | linkedin.com/in/erick-leon

💼 Experience

Meta (Facebook) New York, NY
Software Engineer - Facebook Groups *September 2021 - Present*

- Drove admin adoption of group custom reactions by implementing targeted promotions on different surfaces, resulting in **2-4x** more feature adoption and increasing FB MAU by **~0.1%**
- Implemented the *Featured* section for FB Profile pages on web and mobile using React, Relay, and Hack, allowing content to be pinned to the top of the page. This feature increased time spent on profile pages by **~10%**
- Designed a system to automate welcome posts on FB groups, increasing admin engagement by **0.58%**
- Created infrastructure for automated content on groups, standardizing automation options for scheduled jobs

Software Engineering Intern - Facebook Gaming *Sept 2020 - Dec 2020*

- Created a new scheduling feature allowing gaming streamers to share their weekly schedule to viewers on web and mobile using PHP/Hack, React, and GraphQL
- Designed scalable database architecture for schedules, allowing for efficient queries and better pagination support

Ripple San Francisco, CA
Software Engineering Intern *Jan 2020 - April 2020*

- Developed distributed payment services in Java and Spring performing **150K+** monthly transactions on RippleNet
- Maintained and supported MQ notification feature allowing customers to update payment states in real time
- Created RabbitMQ testing infrastructure using Python enabling creation of RippleNet topologies and payment load

Kik Interactive Waterloo, ON
Backend Developer Intern *May 2019 - August 2019*

- Architected a new gRPC microservice for chat assets in Go using DynamoDB, S3, and Cloudfront with support for digital asset ownership resulting in better maintainability and a **59%** reduction in response time
- Developed Java microservices for Kin Marketplace allowing users to fetch marketplace listings and submit transactions to the blockchain providing better feature support for Kik's **250K+** Monthly Active Kin Users

Secret Mission Software Toronto, ON
Software Developer Intern *September 2018 - December 2018*

- Implemented chats and notifications for Android social app with MVP pattern using XMPP, RxJava, and Dagger
- Improved chat loading by **35%** by reducing page size and making concurrent requests for users and XMPP archive
- Used Protobufs to create gRPC requests for implementing user searches, follow requests, and notification updates
- Created a personal finance app using React and Firebase to display portfolio performance and stock allocation

Sensors & Software Mississauga, ON
Software Developer Intern *January 2018 - April 2018*

- Developed Web UI for controlling networked ground penetrating radar systems using Vue.js and CherryPy
- Created a software analytics tool to observe system usage information in radar models using Pandas and Matplotlib

🎓 Education

University of Waterloo | *BASc Computer Engineering* Waterloo, ON

⚙️ Skills

Languages: Python, Go, Java, Kotlin, TypeScript, JavaScript, PHP/Hack, C, C++

Technologies: Git, React, Relay, GraphQL, gRPC, Flask, Spring, Android, AWS, MySQL, Postgres