José Ulises Niño Rivera

https://junr03.com

recruiting@junr03.com (full-time engagements) | info@pukkabuilt.org (contracting) | (206)-590-1909

FDUCATION

JOHNS HOPKINS UNIVERSITY

MENG IN COMPUTER SCIENCE May 2016 | Baltimore, MD GPA: 4.0

DIVERSITY

Founded and led Uplyft Unidos, Lyft's LatinX Employee Resource Group. Focused on LatinX recruiting, successfully hosting several networking events, and interview batch days resulting in several dozen hires.

WRITING

INFOQ | MITIGATING CASCADING

FAILURE AT LYFT

This article was also published in InfoQ's service mesh eMagazine.

LYFT ENG | PUBLIC ARTICLES

Several blog posts from my time at Lyft.

SPEAKING ENGAGEMENTS

ENVOYCON 2020 Community and Extensibility: Building Envoy's Élexible LYFT | SENIOR SOFTWARE ENGINEER **Compression Subsystem**

OCON LONDON 2020 Next

Generation Client APIs in Envoy Mobile

ENVOYCON/KUBECON NA 2019

Envoy Mobile in Depth: From Server to Multi-platform Library

VELOCITY 2019 SAN JOSE, AND BERLIN

- How Lyft Migrated to a Service Mesh
- Deploying hybrid topologies with Kubernetes and Envoy: A look at service discovery

KUBECON NA 2018

- Keynote: Envoy Project Update
- Evolving Legacy Systems into Kubernetes at Lyft: A Hybrid Environment

KUBECON EUROPE 2018

Developer Productivity with Envoy

EXPERIENCE

PUKKA BUILT | FREELANCE CONTRACTOR AND CONSULTANT

Q3/2023 - Present | Remote

Providing high impact consulting and contracting services.

PATCH | STAFF SOFTWARE ENGINEER

Q2/2022 - Present | Remote Built a pioneering carbon removal business platform to advance the industry toward the gigatonne scale the world needs.

LYFT | STAFF SOFTWARE ENGINEER

Q2/2019 - Q2/2022 | Seattle, WA

Client Networking Team

- Designed, implemented, and open sourced Envoy Mobile, a new client networking library based on the Envoy project.
- Focused on the implementation of the library's core networking needs.
- Architected and implemented a revamped version of the HTTP stack that allows for extensibility via HTTP filters. This platform will enable future work around smart network behavior, security, compression, and protocol experimentation (QUIC).
- Created a real-time time-series metrics pipeline to extract metrics out of Lyft's mobile clients.
- Led cross-company collaboration to build solutions on top of the Envoy Mobile platform.

Q1/2018 - Q2/2019 | Seattle, WA

Tech Lead (since Q3 2018) for Lyft's Networking team.

• Defined the team's roadmap, advancing projects involving multiple teams across Lyft's Infrastructure org. The roadmap focuses on projects for developer productivity, and site reliability through self healing systems. The network team's work was foundational in decomping Lyft's monolith and building Lyft's modern, service-oriented architecture.

LYFT | SOFTWARE ENGINEER

08/15/2016 - Q1/2018 | Seattle, WA

Server Networking Lead in Lyft's Networking team. Our team standardized how machines at Lyft handle traffic and communicate.

- Member of the team that implemented and open sourced Envoy. Project Maintainer.
- Designed, implemented, and rolled out Lyft's control plane solution for Envoy.

FLATIRON HEALTH | SOFTWARE ENGINEERING INTERN

06/01/2015-08/15/2015 | New York City, NY

• Engineer a highly parallel Apache Spark cluster to improve Flatiron's data pipeline efficiency.

RESEARCH

SARIA LAB | RESEARCH ASSISTANT

Spring 2015 – Spring 2016 | Baltimore, MD

• Designed and developed Dashan: a modular system to analyze Electronic Medical Records. The system has been deployed to several hospitals in the Hopkins Medical System.