

# Alex Huang Feng

PhD Student

## Background:

- MSc Computer Science @ INSA Lyon 2019
  - Big data | Data science | Software development
- Lead dev @ Worldline 2019-2021
  - Web development: Java Spring | js | RabbitMQ | Hazelcast | PostgreSQL
  - DevOps : Nginx | Apache | Tomcat | Docker | Git
  - Technical support
- Freelance
  - Web development : Node.js | Angular | Ionic | Firebase | AWS
  - Architecture definition

# Alex Huang Feng

PhD Student

Working on: High performance monitoring protocols [goal: monitoring of large topologies]

- UDP-notif: UDP-based notification protocol implemented on the vendors' line card (IETF draft)
- HTTPS-notif: HTTPS-based notifications (IETF draft)
- QUIC-notif ?
- Next months: anomaly detection using collected data & AI

Skills:

- Software architecture and development (C, bash, python) [and web in general: Angular, Ionic, Node.js]
- Linux kernel, docker
- DevOps, git