

# Hans, Zihan LI

FULL-STACK SOFTWARE ENGINEER

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## Education

### Carnegie Mellon University

Master of Science in Software Engineering

Mountain View, CA

Aug. 2020 - Present

### Hong Kong Baptist University

Bachelor of Science in Computer Science

Hong Kong

Sep. 2011 - Apr. 2016 (cGPA: 3.59/4.00)

- Scholastic award 2016

### Linköping University

Bachelor of Science in Computer Science

Linköping, Sweden

Sep. 2013 - Jan. 2014 (Exchange student)

## Work Experience

### Neat Ltd.

SENIOR FULL-STACK ENGINEER

Hong Kong

Oct. 2018 - Aug. 2020

- Implemented multiple applications with Node.js, ruby, GraphQL, react.js and Postgres
- Conducted 3 internal sharing about OAuth, GraphQL, session/cookie
- Designed and developed dynamic transaction monitoring system with Postgres, supporting 40+ rules
- Mentored and on-boarded 3 junior developers, participated in technical interviews
- Refined CI/CD pipeline with CircleCI, eliminated manual jobs and reduced deployment time to production from 30 mins to 10 mins
- Introduced and overlooked implementation of SCRUM methodology in company, increased 60% of ticket creation
- Built Infrastructure As Code (IaS) with Terraform to manage AWS accounts (VPC, s3, IAM, RDS, EKS, Elastic Cache)

### AfterShip Ltd.

SENIOR FULL-STACK ENGINEER

Hong Kong

Jul. 2016 - Oct. 2018

- Led a team of 5 people to deliver Single-Sign-On system, coordinated multiple product launches
- Implemented monthly subscription fee model (monthly fee + usage fee) for 2 main products
- Participated in company UI component library development, supported 30+ components
- Automated deployment pipeline with Jenkins, reduced deployment time from 40 mins to 10 mins

### iRent HK

PART-TIME DEVELOPER

Hong Kong

Mar. 2015 - May. 2015

- Designed and implemented renting platform and integrated with payment system from scratch (PayPal)

### Venture Solutions

DEVELOPER INTERN

Hong Kong

Dec. 2014 - May. 2015

- multiple web-based projects with PHP (CodeIgniter, Laravel) and JavaScript (jQuery)

### IBM Hong Kong China Limited

PLACEMENT STUDENT

Hong Kong

Jun. 2014 - Dec. 2014

- Helped to test and deploy banks' Counter-Teller(CT) system

## Open Source

<https://github.com/hans-lizihan/bull-master>

Creator, maintainer

Jul. 2020 - Present

UI visualization for operation with queue library bull.js, built with react.js, material-ui, express.js

## Skills

**Programming** Node.js, Ruby, PHP, Elixir

**Web** Vue.js, React.js, Koa.js, Express.js, Next.js, GraphQL, Laravel, Sinatra, Ruby on Rails, Phoenix

**DevOps** Kubernetes, AWS, GCP, Terraform, Jenkins, TravisCI, CircleCI

**Management** SCRUM, Jira, OKR

**Languages** English, Chinese(Mandarin), Chinese(Cantonese)