

Yuetian Li

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Homepage: <https://liyt96.com/>

WORK EXPERIENCES

Amazon, Seattle, WA

Software Engineer

July 2021 – Present

Amazon Payment Experience Team

- Work on **Amazon Pay** that serves 10 million+ Amazon customers everyday.
- Expand features of the **Amazon Wallet** with **Scala** and **JavaScript** on frontend and backend.
- Improve and monitor **Amazon Pay**'s backend performance and reduce response latency.
- Help other teams across Amazon on integrating our widgets and promote internal influence.

AMC Networks, New York, NY

Software Engineer Intern

August – December 2020

AMC Networks Solutions Team

- Deliver online solutions for **AMC channel**, **BBC America** and various brands under AMC Networks.
- Construct and update AMC Networks' websites with **PHP**.
- Build online platform for AMC's entertainment contents with **JavaScript** and **React**.
- Work on the internal content management system with **Drupal**.

Slalom Build, Boston, MA

Software Engineer Intern

June – August 2020

Stagen Mobile Project

- Build mobile app frontend UI with **React Native** and **TypeScript** for both **iOS** and **Android** platform.
- Build modern serverless backend APIs with **AWS Lambda** and **DynamoDB**.
- Build **Single sign-on** (SSO) login system, enable users to login with third-party credentials.
- Utilize BitBucket and App Center for DevOps and building, wrote **Shell** scripts for **CI/CD** pipeline.

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA

Master of Science in Computer Science

May 2021

Dalian Maritime University, Dalian, China

Bachelor of Science in Network Engineering

June 2018

OPEN-SOURCED PROJECTS

is-japanese

- An open-source **npm package** checks if a string only contains Japanese characters.
- **Improve** the performance of Japanese checking **by 20 times** comparing to standard approach.
- npm: <https://www.npmjs.com/package/is-japanese>.
- Github: <https://github.com/liyt96/is-japanese>.

Search Engine Pipeline for News Articles

- Build a search engine with algorithms including **TF-IDF**, **BM 25**, **PageRank** and **Linear Regression**.
- **Out-perform** Elasticsearch built-in search module by **3.7%** on average precision.
- Github: <https://github.com/liyt96/ML-pipeline-for-IR>