

Wen Chuan Lee

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SKILLS Proficient in : Java, JavaScript, TypeScript, Docker, AWS Technologies (CDK, ECS Fargate, DynamoDB, SQS, Lambda)
Familiar with : Python, Ruby, React, REST, Swagger/OpenAPI, Guice, MTLS, OAuth

WORK EXPERIENCE **Senior Software Development Engineer** August 2016 – **Present**
Amazon.com, *WA*

Amazon Payments Services (Consumer Payments)

Areas: Disbursements, Verifications, and Retail Payment Processing platform

- Tech Lead for multiple projects with external partners to improve CX and speed of receiving funds from 5-10 business days to instant disbursement and KYC.
- Lead multiple complex in-flight migrations of legacy distributed systems
- Launched a seller verification experience to reduce fraud using payment aggregators (TrueLayer) with a focus on securing inbound customer data.
- SME for BNPL (Buy Now Pay Later) and customer authentication methods.
- Active mentor and helped bootstrap multiple internal teams.

Amazon Alexa Video - Speech

- Develop voice-first CX for FireTV customers to control set top boxes and Prime Video rental window activation. Improve Alexa integration test framework.

Software Development Engineer Co-op Intern January 2015 – September 2015
Emerson Process Management, Reliability Solutions, *Eden Prairie, MN*

Undergraduate Teaching Assistant January 2014 – December 2014
College of Science & Engineering, University of Minnesota – Twin Cities, *MN*

EDUCATION **Bachelor of Science, Computer Science** **May 2016**
College of Science and Engineering, University of Minnesota – Twin Cities, *MN*

PROJECTS **WellsFargo International ACH OFAC Compliance**

- Reduced 2.4B USD negative impact to only 400k, processing 4.4B USD/month at peak
- Worked with internal and external partners to reduce potential churn under tight deadlines, reduced number of manual deployments on 13+ year old code.

API Modernization & Migration

- Significantly contributed to design reviews, doc and tooling of internal payment APIs and SPIs for international expansion reducing speed to launch.
 - Improved extensibility and plugin architecture with a focus on security and critical data
 - Designed and built Shadow, a full-stack serverless solution to assist with translation and diffing of service models.
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LEADERSHIP & OTHER ACTIVITIES

- **Panelist in Active Recruitment for Amazon** using Twitch Livestream events, speaker for internal conference with over 300 attendees.

StackOverflow Contributor (username: matrixanomaly)

- Reached over 1.7m people with ~6k reputation (top 6% overall).
 - **Builder Series**
 - Lead for running multiple hands-on development livestreams to inspire and teach engineers across the organization, improving developer productivity.
 - **Presenter** for USAPPS Workshop 2013, 2014 - “Pathways to the US”
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