WEI WEN Software Engineer

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SKILLS
- **Languages**: Python, Golang, Ruby, JavaScript, and PostgreSQL
- **Framework**: Ruby on Rails, Django
- **Technologies**: AWS, Elastic Search, Terraform, Python Celery, Redis, Memcached

EXPERIENCE

Shippo, San Francisco, CA   **Spring 2018 - Present**
Software Engineer II
- Rebuilt local rating in Golang that serves from thousands to millions of requests with enhanced scalability, manageability, reliability
- Defined and implemented a parity test framework that runs ~1 million test cases against a major endpoint refactoring
- Addressed customer needs through cross team collaboration

Shippo, San Francisco, CA   **Summer 2016 – Spring 2018**
Software Engineer
- Led teams of 2-4 to integrate 4 new carriers into Shippo platform
- Refactored DHL eCommerce manifest service for 10x performance
- Facilitated a track week to integrate 15+ carrier track services
- Refined carrier integration process that shortened the development cycle from 8-10 weeks to within 2-4 weeks

Uber, San Francisco, CA   **Summer 2016**
Software Engineer at Security R&D
- Redesigned Uber internal authorization process which will impact over 50,000 users
- Designed and implemented performance tests
- Contributed to fast-paced and startup-like team environment

PROJECTS

Match Local Rate, San Francisco, CA   **April 2018 – Present**
A micro-service that serves from thousands to millions of rate requests per day
Software Engineer
- Designed architecture for new local rate service
- Implemented new local rate micro-service in Golang with Elastic Search, AWS Lambda and SQS
- Designed performance and parity tests on rate API endpoint to ensure zero downtime during release
- Built internal tools to support new local rate service

DHL eCommerce Manifest Service Refactor, San Francisco, CA   **April 2018 – Jan 2019**
A refactoring of manifest service that enabled 10X performance
Software Engineer
- Root-caused manifest service performance bottleneck
- Worked closely with product manager and carriers to understand business requirements and technical limitation
- Designed and implemented parallel requests logic to increase number of transactions per manifest from 500 to 5000

Front Door Library, San Francisco, CA   **June 2016**
A lightweight library that tremendously increase the scalability of Uber internal authorization service for exponential growth
Software Engineer
- Designed serialization algorithms in Python to compress membership information to be pushed to various services
- Implemented performance tests (speed and time) on various serialization algorithms
- Wrote serialization module in Go with 100% unit testing coverage
- Integrated the serialization module into membership information updating service

EDUCATION

University of California, Berkeley, Berkeley, CA   **May 2015**
Bachelor of Science in Business Administration On IT Entrepreneurship
Relevant courses:
Entrepreneurship & Innovation, Open Innovation Leveraging IBM Watson, Mobile Applications and Entrepreneurship Strategy for IT Firms