

Wei Wen Goh

✉ goweiwen@gmail.com

☎ (+65) 9125 2435

📍 Singapore

🐙 github.com/goweiwen

🌐 linkedin.com/in/goweiwen

🌐 goweiwen.me

WORK EXPERIENCE

Crypto.com

Blockchain Security Engineer, Mar 2022 - Present

- Integrated blockchain protocols (Bitcoin, Solana, EVM, etc) into internal multi-party custody wallet using trusted computing (Fortanix EDP on Intel SGX)
- Updated and maintained Bitcoin Dev Kit fork for Dogecoin and Litecoin support

ShopBack

Project Lead, Aug 2020 - Mar 2022

- Piloted and launched a new business unit, ShopBack FOMO, focused on building a deal-sharing community within the app, with over 30,000 weekly users
- Led backend development in Rust (actix-web and Diesel), and frontend development in TypeScript (Vue.js)

Kiasu Foodies

Co-Founder & CTO, Dec 2018 - Aug 2020

- Built web application and Telegram bot for users to find nearby deals with over 4,000 daily users
- Developed Telegram referral bot and increased the channel's reach to over 100,000 subscribers
- Built Telegram and Instagram analytics tool to collect and study metrics on our and competitors' social media

UpGuard

Site Reliability Engineer Intern, Aug 2018 - Jun 2019

- Maintained business-critical Kubernetes clusters on GKE and on-premises servers
- Design Docker containers and Helm charts for configurable deployments
- Wrote Golang programs, Ruby and shell scripts for internal tooling and glue code

Sea

Software Engineering Intern, May 2018 - Jul 2018

- Developed iOS applications with Swift and Objective-C
- Shipped a feature prompting app rating after satisfactory interactions, increasing App Store rating from 3.4 to 4.7 stars
- Wrote a CocoaPod to easily create and show users guided tours using Swift, with Objective-C interop

GovTech Singapore

Data Engineer Intern, Dec 2017 - Jan 2018

- Implemented and released public APIs for Data.gov.sg portal using Node.js with AWS Lambda and DynamoDB
- Wrote serverless Node.js functions to scrape and verify JSON, then upload to DynamoDB
- Benchmarked, profiled and optimized slow-running AWS Lambda Node.js scripts

Ethereum Tech

Freelance Web Developer, Oct 2017 - Dec 2017

- Created front-end of a cryptocurrency mining analytics dashboard with Vue.js to visualize health of miners and troubleshoot malfunctioning machines
- Suggested and implemented improvements to user experience from client's original design

EDUCATION

National University of Singapore

May 2020

Bachelor of Computing Computer Science

- NUS Overseas Colleges - Silicon Valley (NCSV34)
- Teaching Assistant for CS2103 Software Engineering
- Advisor for Orbital 2018

Stanford University

Sep 2018 - Mar 2019

Bachelor of Computing Computer Science

- Read CS242: Programming Languages, MS&E 271: Global Entrepreneurial Marketing

AWARDS

Samsung XR Hackathon

First Place, Nov 2018

- Built a VR/AR game that teaches children how to spell objects around them

Yale-NUS Data 2.0 Datathon

First Place, Mar 2018

- Studied viability of ride sharing compared to public transport regarding carbon emissions using R, Shiny

NUS 11th STePS

Second Place, Nov 2017

- Perfect Pear won 2nd prize in NUS's 11th School of Computing Term Project Showcase

PROJECTS

vue-swing

Vue, github.com/goweiwen/vue-swing

- Vue.js component for swiping cards left and right, similar to apps like Jelly and Tinder. 200 stars on GitHub

Perfect Pear

Vue, github.com/Pear-App/pear-client

- Allow users to matchmake their friends. Released to iOS App Store and Google Play Store, hit 300 users within 24 hours

ivle-sync

Python, github.com/goweiwen/ivle-sync

- Automatically downloads files, announcements and webcasts from NUS's IVLE portal

SKILLS

Languages:

Rust, TypeScript/JavaScript, Python, Kotlin, Swift, Golang, HTML, CSS, SQL

Frameworks:

Vue.js, Actix Web, Diesel, Tailwind, React, Elm, Svelte, Unity

DevOps:

Kubernetes, Docker, Helm, Grafana, Prometheus, NGINX, Caddy, Nomad