TIEN YU LIN

University of Warwick

@ trusaidlin@gmail.com   📍 Taipei - Taiwan   in https://linkedin.com/in/xanonymous   ○ Xanonymous-GitHub

EXPERIENCES

Software Engineer Intern - LINE Taiwan Limited

Front-End Developer

📅 Mar 2023 – Jun 2023   📍 Taipei, Taiwan

LINE Travel

- Introduced Next.js 13 and migrate the project
- Optimized Docker image size to 6x smaller
- Embedded Varnish cache into Kubernetes
- Applied OWASP ZAP vulnerability scan pipeline into CI

Android App Developer

📅 Aug 2022 – Mar 2023   📍 Taipei, Taiwan

LINE Message App, LINE Android SDK

- Migrated Open-Sourced Android SDK API testing App using Jetpack Compose for proper functioning, and publish it for public use.
- Solved live stream connection API bugs of LINE Message App and try to find more optimal practices.
- Explored the implementation method of dynamically applying custom font packages with the layout theme in the app

Back-End Developer

📅 Feb 2022 – July 2022   📍 Taipei, Taiwan

LINE Official Account Verification System

- Developed a golang-gRPC back-end microservice from scratch.
- Introduced MVVM architecture into project
- Collaborated with multinational teams to develop, meet, and discuss simultaneously
- Optimized database query performance, increased API security
- Deployed application to Kubernetes with Grafana and Prometheus

Flutter App Developer

📅 Jul 2021 – Jun 2022   📍 Taipei, Taiwan

LINE SHOPPING App

- Experienced with Flutter Null Safety migration, GraphQL API connection and Flutter UI Widget render process.
- Developed new widgets and back-end API connections using Clean Architecture and Bloc Pattern, strictly follow to SOLID principles.
- Analyzed and refactored the web page redirection process of internal browsers.
- Implemented unit tests using mock classes
- Provides high-quality PR reviews
- Participated in agile development team, technical sharing, project workshops and brainstorming events.

TECHNICAL SKILLS

- TypeScript, Golang, Python, Kotlin, C/C++, Dart, Solidity, Java, Rust, Swift

- Git, PR review, Scrum, CI/CD, Vue, React, Flutter, Kubernetes, Android, gRPC, graphQL, Linux, HPC, Nix

EDUCATIONS

University of Warwick

📅 Sep 2023 - present   📍 Coventry, United Kindom

Master of Science, Computer Science

National Taipei University of Technology

📅 Sep 2019 – Jun 2023   📍 Taipei, Taiwan

Bachelor of Science, Computer Science

- GPA 3.3

PROJECTS

TAT - The NTUT Campus App

- Migrated from Flutter v1 to v3
- Implemented auto roll-call feature
- Refine login procedure with dynamically-changing backend
- Unit test coverage more than 90 percent in biz package
- Released 7 official versions, including API bug fixes, UI/UX optimization, new feature , etc.
- Total downloads: 20K+, DAU 10K+
- Published on Play Store + App Store

BaBaIsYou - Rule-customizable puzzle game

🔗 https://baba.ntut.club

- Lead to reproduce an existing game, developed with TypeScript MVC + Vue + Pixi.js.
- Implemented factory, builder, singleton, strategy, observer, composite pattern, etc. in TypeScript
- Implemented multi-object collision logic, game rule translation logic, level configuration reading logic.

ACTIVITIES

- LINE Hackathon 2023 winner by a Web3 Ethereum project
- LINE TECH PULSE 2022 Speaker
- Students' Information Technology Conference (SITCON) Volunteer.
- Conference for Open Source Coders (COSCUP) and Hacks In Taiwan Conference (HITCON) Attendendee.
- Advanced Information Security Summer School (AIS3) Summer Camp

PERSONAL SKILLS

- IELTS Academy Overall 6.5
- Duolingo English Test 105
- Passionate about collaborating with the team to produce high-quality code
- Ability to work independently under pressure.
- Piano, badminton as an amateur, likes mountain climbing and camping.
- YouTube channel with 800K+ total views for game.