Si Duy Truong <Chris>

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EDUCATION & ACHIEVEMENTS

Education:
- Master in Computer Science, GPA: 3.6 – Maharishi International University *(expected completion 02/2026)*
- Bachelor's in Computer Science, GPA: 8.2 - Ho Chi Minh University of Science, Vietnam *(09/2015 - 09/2019)*

Achievements:
- Leetcode: 600+ problems - https://leetcode.com/u/duytruong-us

SOLID principles • CI/CD • Dependency Injection • Object Oriented Programming (OOP) • Multi-Threading
Performance Optimization • Scrum Agile • Reactive Programming • Design Patterns • FDD • TDD • Problem-Solving

PROFESSIONAL EXPERIENCE

Grab, Ho Chi Minh • 06/2022 - 08/2023
Senior Android Developer
- Collaborated with product, ads, and design teams to improve user engagement with GRAB by **5%,** decreased cancellation bookings by **6%** for bookings and in-transit screens, and brought more than **5%** from ads
- Developed the Grab Express Services for Customers using **RxKotlin, SOLID principles,** and **MVVM Clean Architecture** to support over **100 million** Android users
- Optimized application performance and battery usage, and redesigned the UI of Grab Express Services using **MVVM Clean Architecture, RxJava,** and **Jetpack Compose** to enhance Drivers' experience
- **Integrated third-party** delivery services, and increased the number of booking orders to over **1M/day** across Southeast Asia
- Conducted a presentation on applying **Jetpack Compose** to small features
- Conducted comprehensive unit testing using **JUnit** and ensured code quality with **Android Lint**

Technologies used: MVVM Clean Architecture, RxJava, RxKotlin, Coroutine Flow, Jetpack Compose, Dependency Injection, DataDog, JUnit test, Hilt-Dagger, Gitlab, Figma, Charles, Jira, Slack

Vulcan Labs <Smart Widgets Labs>, Ho Chi Minh • 08/2021 - 06/2022
Senior Android Developer
- Developed and delivered multiple Android applications from ideas to productions, and generated **revenue of over $50K**
- Analyzed **Google Play Store** market, conducted feature analysis, and collaborated with design and product teams to create trending applications
- Collaborated with Designers using **Android Canvas**, **Google Maps**, and **Material Design** to develop user-friendly applications that bring more than 100K monthly users active
- Worked with high concentration using **Jenkins**, **Fastlane,** and **Android Frameworks** to deliver the application in under 1 month
- Applied **remote config** and ran **A/B testing** campaign by using **Google Firebase Console** to analyze users' demand
- 3 main applications are being published on **Google Play Store**: **Invoice Marker, TravelRoute, Philips Hue**

Technologies used: Kotlin, MVVM Clean Architecture, Koin, Jetpack Compose, Dependency Injection, Canvas, Jenkins, Fastlane, Google Firebase Console, Google Maps SDK, Material Design, A/B Testing, Bitbucket, Figma, Slack

Zalo Group, VNG Corp, Ho Chi Minh • 09/2019 - 07/2021
Android Developer
- Developed and maintained Zalo Android Software Development Kit (**SDK**) for 3rd parties to integrate, authenticate, message, and improve engagement for Zalo Chat Application
- Developed room joining and calling features for Zavi Call using **Socket**, **MVVM Android Clean Architecture**, and **WebRTC** to allow users can join the room and make a group call together
- Developed an **Android SDK** using **WebRTC** for a peer-to-peer network within a live-streaming channel, enabling efficient data sharing to minimize resource consumption when accessing **Content Delivery Networks (CDNs)**
- Applied research knowledge to compute and cut the **silence gaps** between podcasts and songs by modifying **Exoplayer Processor Components** to enhance user experiences

Technologies used: Kotlin, MVVM Clean Architecture, Android SDK, WebRTC, **Exoplayer**, JUnit Test, TDD