

VU NHAT DUY, NGUYEN

iOS Software Engineer

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EMPLOYMENT

Full Stack Engineer	Jointech Ent, Singapore	9/2018 – Current
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ProStyle

- Built an application that helps people in condominium living more convenient. They can book BBQ pit, Tennis court and pay deposit through the app.
- Used Core Bluetooth to connect mobile app to bluetooth device.
- Implemented Stripe framework for payment. Deploy web admin to Amazon Server.

iOS Software Engineer	Robust Tech House, Vietnam	3/2017 – 7/2018
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- Completed 3 projects: Wong Yiu Nam, Gohji and Afex.
- Designed UI that meet requirement with high quality.
- Used Moya framework for network layer.
- Used reactive programming in Afex project.
- Applied adapter design pattern to create flexible cell for TableView.
- Implemented Paypal payment that help user order products and pay the fee when they want to ask doctor.
- Implemented Quickblox chat to build a question-answer connection between users and admin.
- Integrated Youtube SDK, Facebook SDK to get posts from WongYiuNam's fanpage and youtube channel.
- Wrote UITest & UnitTest using XCTest framework, coverage 50% for Gohji.
- Checked memory leaks by Debug Memory Graph tool and resolved retain cycle.

iOS Software Engineer, Intern	Mingle, Vietnam	Summer 2016
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- Experienced with developing an application that have more than 1M users.
- Completed multi-select photos feature in user profile.
- Learned about MVP/MVVM/VIPER architecture, protocol-oriented programming and security (SSL pinning).

EDUCATION

Ho Chi Minh City, Vietnam	University of Science	Fall 2013 – Summer 2017
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| • Honors Program in Information Technology – Software Engineering. | GPA: 8.1 out of 10.0 |
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TECHNICAL

Projects

- [2Comic](#) – iOS (2019). Reading comic with 2 languages Vietnamese and English.
Technical: MVVM, Admob, analytic tool, Crashlytic, in-app purchase, core data, DispatchGroup. *Swift*
- [Wong Yiu Nam](#) – iOS (2018). A Doctor-Patient communication app.
Technical: Core-animation, Moya, Paypal, auto-layout, RxSwift, BezierPath. *Swift*
- [DealsNet](#) – iOS (2017). DealsNet is an application where everyone can share promotions.
Technical: Push notification, Google maps, Realm, Alamofire. *Swift*

Programming profiles

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| • Hackerrank | Rating: 2129 | Top: 2% | Link: https://www.hackerrank.com/nguyenvunhatduy |
| • Codeforces | Rating: 1611 | Level: Expert | Link: http://codeforces.com/profile/nhatduy |

ADDITIONAL EXPERIENCE AND AWARDS

- **National Second Prize Imagine Cup** (2016): Imagine Cup is a competition about technology organized by Microsoft for student all over the world.
- **Third Prize, Mobile Application Contest** (2015): Awarded 3rd prize (\$1000 cash) of "Mobile application innovation encouragement" contest for Vietnamese students in Android platform.

LANGUAGES AND TECHNOLOGIES

- Xcode/iOS Development (Swift, Objective-C), Android (Java), Cross-platform (Nativescript), Blockchain, ReactJS.