

Applicant for:

Senior IOS Engineer ~2,000\$ (SL: 05)

Dr.JOY

2 March 2021

Cong Doan

✉ cong.doan@gmail.com

Main interests: iOS, Android

What skills, work projects or achievements make you a strong candidate for this position?

Some of my core competences include experienced iOS Swift Development, Android Java Development, OOD principles, Data Structures & Algorithms, SQL Databases, and Client-Server Communication Protocols.

"Hiring the wrong person is the most costly mistake you can make." - Brian Tracy

Cong Doan

Senior iOS Developer

cong.doan@gmail.com

0373987189

<https://www.linkedin.com/in/congdoan>

<https://github.com/congdoan>

SUMMARY

I'm an experienced software engineer passionate about learning and technology. In recent years, I have tremendous interest in Swift and particularly focus on developing iOS applications and games.

Specialties:

- Swift programming and iOS development
- Java programming and Android development
- Algorithmic problems solving
- Python programming
- Clean code design and unit testing
- Relational data management with SQL

EXPERIENCE

Stealth Mode Startup Company

iOS Swift Engineer, 10/2020 - Present

- Perform technical designs and implementation of iOS apps.
- Led a 3-developer team building a complex iOS app.

Rikkeisoft, Systema Corporation

Senior iOS Swift Developer, 3/2019 - 10/2020

- Worked closely with bridge engineers to analyze client requirements and create high-level & detail designs.
- Built, with another developer, an IoT iOS app (named "Viettel Purifier" on App Store) for remotely managing and controlling Smart Air Purifiers.
- Led a team of 3 developers implementing and maintaining an enterprise-type iOS app named "Canbus." on App Store.
- Led a 4-developer team implementing and maintaining a large news-type iOS app named "マイマガジン" on App Store.
- Worked closely with product designers to define a rich iOS experience for the user.
- Improved app quality through code reviews and writing effective unit tests.
- Explored new technologies and shared findings with the team.

Stealth Mode Startup Company

Freelance iOS Swift Engineer, 8/2017 - 3/2019

- Develop iOS apps & games.
- Built an iOS news app with another developer.
- Built an indie iOS educational game with two other developers.

My Side iOS App Projects

iOS App Developer, 12/2017 - 7/2018

- Word Finding iOS game
 - This is a word-finding iOS game, available on App Store, with turn-based multiplayer support written in Swift 4.
 - The final game is a simple yet quite interesting player experience with a beautiful smooth UI and cool sound.
- iOS game of Set
 - This game allows users to play the game of Set.
 - It has several fancy Animations, Adaptive UI Layout, and Custom View.
- Emoji Art iOS app
 - With this app users can make artwork out any emojis by placing emojis on a background image and adjusting their size and location.
 - The app uses Drag & Drop, various UIGestureRecognizer, Custom View, and UIDocument APIs.
- Virtual Tourist iOS app
 - This app allows users to specify travel locations around the world, and create virtual photo albums for each location. The locations and photo albums will be stored in Core Data.
 - The app runs fast and smoothly, has a polished UI and the code is well structured.

FPT Software, Z8 (AT&T DirecTV US customer)

Senior Java Developer, 3/2015 – 9/2016

- Led a team of 3 engineers implementing and maintaining a big data system that collects, cleans and preprocesses DirecTV subscribers' raw viewing data.
- Redesigned and implemented a complex Search module of large Movies & TV programs Content Management System for DirecTV, a subsidiary of AT&T.
- Researched technologies and built 2+ proof-of-concept prototypes for technically challenging projects.
- Wrote design documents, performed code reviews and mentored inexperienced developers.

WISeKey SA***Android Developer, 2/2011 – 12/2014***

- Designed, implemented and maintained the first versions of WISeID Personal Vault on Google Play Store.
- Maintained a family of several WISeID variants.

EDUCATION & CERTIFICATIONS (for detail please refer to my LinkedIn profile)**Udacity co-created with AT&T, Lyft, Google**

- iOS Developer Nanodegree, iOS Application Development, 2017 – 2018

Stanford University

- Undergraduate Course, iOS 11 Application Development, 2018 – 2018
- Specialization, Algorithms and Data Structures, 2017 – 2017

Princeton University

- Undergraduate Course, Algorithms and Data Structures, 2016 – 2017

Joint Program of Genetic Computer School Singapore and Hanoi University of Science & Technology

- Bachelor's degree, Computer Science