Giovanni Salinas

Taipei, Taiwan (R.O.C) | gsalinaslopez.eic05g@nctu.edu.tw | +886 919204040
linkedin.com/in/gsalinaslopez | github.com/gsalinaslopez | Python, Java/Kotlin, Swift

Experience

Appier
Software Engineer

Apr 2022 - Present
Taipei, Taiwan

- Enhanced the internal testing suite scalability for **Android/iOS/React Native/Flutter** mobile SDKs by developing a single unified codebase for all platforms using **Appium**
- Conducted release process verification by modifying the internal **Android/iOS** testing apps and implementing automatization scripts

ACpay
Software Engineer

Feb 2021 - Feb 2022
Hsinchu, Taiwan

- Improved the company's payment terminal device **Java/Kotlin/Android** application by fixing existing issues and adding new features following Android's app architecture best practices
- Enhanced the app's robustness and maintainability by using Android's native architecture components library, Unit Testing, and Continuous Integration/Deployment
- Composed documentation and UML diagrams describing the app's software structure and its different modules

Industrial Technology Research Institute
Software Developer. *Part-time (2018) | Internship (2017)*

Jan - Jun 2018 | Jul - Aug 2017
Hsinchu, Taiwan

- Developed a **Java/Android** encoder/decoder *(BER)* API wrapper for intelligent transportation networks by porting a native **C** runtime library *(ASN.1 C)*
- Implemented **Java/Android** high-level API wrappers for interfacing with the device's LTE Evolved Multimedia Broadcast Multicast Services *(eMBMS)*

GeoThings
Software Developer. *Part-time*

Dec 2015 - Aug 2016
Hsinchu, Taiwan

- Designed UI/UX for an **iOS/Swift** mobile mapping tool by writing RESTful callbacks for fetching, processing, and displaying map information from OpenStreetMap
- Implemented a map tagging feature that uploads user-contributed data to the OpenStreetMap project database using RESTful

Education

National Chiao Tung University
Masters in Electrical Engineering and Computer Science. *GPA: 3.61, Percentile: 81.48/100*

October 2020
Hsinchu, Taiwan

National Chiao Tung University
Undergraduate in Computer Science. *GPA: 2.85, Percentile: 73.13/100*

June 2016
Hsinchu, Taiwan

Research Publications & Academic Awards

IEEE International Conference on Communications (ICC)
Second Author. Conference Presenter

May 2018
Kansas City, MO, USA

- *"V2PSense: Enabling Cellular-Based V2P Collision Warning Service through Mobile Sensing,"*
  C. Li, **G. Salinas,** P. Huang, G. Tu, G. Hsu and T. Hsieh.

National Chiao Tung University Scholarship
Scholarship Recipient

Sep 2016

- Outstanding new student award - Masters Program

Ministry of Foreign Affairs (MOFA) Taiwan Scholarship
Scholarship Recipient

Aug 2011

- Pre-degree: Mandarin Language Enrichment Program
- Degree: Undergraduate Program