

# Sean Shinil Lee

Mobile developer with a strong academic background in mobile applications for both *iOS and Android*. Passionate about learning and leading the application of emerging techniques, technologies, and best practices.

📍 Orlando, FL \*open to relocate

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🐙 [github.com/sean725](https://github.com/sean725)

## SKILLS

### TOOLS/ PLATFORMS

Android Studio, XCode(iOS), Visual Studio, Github, API, Retrofit, OKHttp

### DESIGN

Adobe XD, Adobe Illustrator

### PROGRAMMING LANGUAGES

Java, Swift, SQL, C#, JSON/XML, Model-View-ViewModel(MVVM) Object Oriented Programing(OOP)

### DATABASES

MySQL, SQLite, Google Firebase

### LANGUAGES

English, Korean

## EDUCATION

Bachelor of Science, Mobile Development 06/2019 - 03/2022

**FULL SAIL UNIVERSITY** Winter Park, FL

Awards: Advanced Achievement Award

## PROJECTS

### THE FOOTBALL GALLERY Android Application (Mobile)

An individual project providing football fans live data such as news, fixtures, and standings. Lets users interact with basic social networking service(SNS) features.

- Conducted analyses for demographics and target audiences, platforms, and competitive applications
- Solely provided full-stack development of entire project
- Utilizing Java: designed, developed, and build core components of news and social network to maximize user experience.
- Used public APIs / OKHttp Library / multi-threading to deliver data between backend and frontend and displayed the live data via Virtual Machine. (aka. Android Emulator or Simulator)
- Leveraging Google Firebase, increased security posture to register, authenticate, and store data remotely.
- Implemented CRUD operations to handle and maintain user data, structured and normalized the database.

### BUSINESS VIEWER Android Application (Mobile)

An individual project providing users business data based on their selection. User is able to choose a city and explore businesses details. Improved personal skills in both Android and general coding.

- Implemented Model-View-ViewModel(MVVM) pattern for improved business logic.
- Performed CRUD operations to store user-generated data in SQLite.
- Improving development efficiency using libraries such as Retrofit for Http connection and GSON for data conversion between JSON and GSON.
- Used public API to display business details.

### APPLICATION TESTER Android Application (Mobile)

An individual project testing whether the application's features and navigations work properly.

- Tested the Form Activity using the Android Espresso library to see if the input is valid
- Conducted a unit/application/automated test using the Android UIAutomator library for entire application

**\*\*Code available upon request\*\***

## VOLUNTEER

### REPUBLIC OF KOREA MARINE CORPS 06/2017 - 03/2019

Sergeant, Combat Engineer

- Supervised a team and developed harmonious relationships from various ranks, while optimizing tasks as a squad leader
- Improved leadership and management skills by overcoming challenging situations, while also boosting personal character development.
- Received the Best Platoon Award from the Battalion Commander.

### INDUSTRIAL DESIGN 2015 - Present

- Prepared for an art college and practiced personal design by studying the basics of design
- Improved sense of design and experience in UX/UI which helped with personal development, prototyping and skills in Adobe XD