

Joo Hyun Park

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Portfolio: <https://joo HyunPark-jp.github.io> | **GitHub:** github.com/JooHyunPark-JP

EDUCATION

Honours Bachelor of Computer Science: Mobile Computing
Sheridan College - Oakville, ON

Sep 2015 - Dec 2019

WORK EXPERIENCE

MOBILE APPLICATION DEVELOPER CO-OP
Sheridan College - Oakville, ON

Feb 2018 - Aug 2018

- Created an iOS application for doctors and nurses to accurately monitor their patients from home.
- Initialized the Home-Kit application and constructed Smart Home technologies by programming in Swift.
- Created a Web application to receive data from the iOS app; designed and written using HTML, CSS, JavaScript, and jQuery.
- Constructed a web application in responsive design, suitable for most of devices.
- Collaborated with stakeholders during the development process to accomplish all of the functional requirements.
- Successfully communicated with team members using project tools such as Slack, Bitbucket and Asana.
- Created and managed MySQL database using PHPmyAdmin over the web.
- Deeply researched and analyzed relevant topics to the research project, including Smart Homes and other Ubiquitous technologies.

ACADEMIC AND SOFTWARE PROJECTS

Self Planner (2021) – Kotlin

- Created an Android application using Kotlin where users can assign and manage their tasks on a daily and weekly basis.
- Implemented a Log-in system using Google Firebase Authentication, successfully storing data into Firestore database.
- Implemented MVVM architecture with Data Binding techniques for app components (Frames), to achieve decoupling and restricting anti-patterns which makes project is more readable and scalable.
- Designed the application to run on various mobile devices for improved accessibility.
- Each planner is designed and customized by using RecyclerViews for better data collection and arrangement.

EarthQuake Guardian - Capstone Project (2019) – Java

- Co-developed an Android mobile application for first responders in Java. Implemented advanced networking techniques (mesh network) to efficiently rescue victims in the earthquake zone.
- Implemented messenger system, created dynamic lists to displayed user's data.
- Worked in an Agile-driven environment and successfully managed the project timeline and requirements.
- Git based source code repository used such as Bitbucket and used team project management tool called Asana.

TECHNOLOGIES AND LANGUAGES

Languages

- Java, Kotlin, C, C#, C++ HTML5, CSS3, SQL, JavaScript, Python, PHP, ASP.NET, Swift, Google Firebase

IDE

- Android Studio (Java, Kotlin), Visual Studio, NetBean, MATLAB, Xcode (Swift), MYSQL (SQL)