

Seyeon (Hannah) KIM

Computer Engineering

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Technical Proficiency

- Programming Languages – Objective C, Java, C, C++, C#, Python, HTML, CSS, JavaScript
- Tools / Frameworks – Eclipse, Command Line, Git, Xcode, Android Studio
- OS – Macintosh OS X, Windows, Linux (Ubuntu)

Experience

iOS Developer Intern at Dejero, January–April 2016

- Updated current Dejero LIVE+ App in iTunes App Store
- Optimized UI to reduce CPU usage
- Implemented video stabilization feature
- Added support for microphones with Lightning cables
- Enhanced existing audio level meter to measure correct dbFS and simulate a proper VU meter
- Prototyped a new User Interface using OpenGL and cairo that can be used on multiple platforms
- Used: Objective C, C++, SVN, ReviewBoard, Xcode, Instruments, Matlab

Projects

Personal Website, March 2016

- hannahskim.github.io

Reversi, January 2014

- A two player strategy game played on an 8X8 checkerboard
- Created animations when a player's piece is changing to the other player's piece
- Object Oriented Programming (such as encapsulation, polymorphism, inheritance), file I/O, Eclipse

Poker Solitaire Android Application, November 2013

- Implemented Android version of Poker Solitaire
- Android Studio (has all the features from the Java console app)

You vs. School, May 2013

- Programmed a different version of the famous EA game, Plants vs. Zombies, with a partner using Java
- Implemented background musics, a timer, mouse and keyboard listeners
- Created different classes and methods needed for the game

Poker Solitaire, April 2013

- Implemented Java console application which players can play poker solitaire game and shows rank
- Learned how to implement proper OOP concepts (such as ADT, inheritance)

Education

Candidate for Bachelor of Applied Science, Computer Engineering

- University of Waterloo, Waterloo, Ontario, 2015–present

Interests

- Love to adapt and learn new technology (Currently interested in Smart Watch)
- Interested in full stack, mobile, web app, software development
- Enjoying playing games (Sudoku, 2048, Tetris etc)