

WenGuang Huang

Technical Skills

Languages: Java, C++, JavaScript, Python.
Frameworks/Libraries: Android sdk, Numpy, Pandas, Sklearn
IDEs: Android Studio
Databases: sqlite
Other: Git/GitHub.

Project Experience

Podcast app - <https://github.com/willhwongwork/PodCast>

June 2017

- data storage(sqlite for storing data, sqlite data schema Channel, episodes, playlists).
- use Content provider to provide data for UI , and Loader for reading data.
- AsyncTask and IntentService for downloading itunes search results like Json, xml .
- implement MediaBrowserService for background playback.
- Play store: <https://play.google.com/store/apps/details?id=bbr.podcast>

Joke Telling App - <https://github.com/willhwongwork/FinalProject>

April 2017

- Used Gradle to build a joke-telling app that has both a free and paid version.
- This included factoring functionality into libraries as well as using build flavors to modularize the construction of each variant of the app.
- I also configured a Google Cloud Endpoints development server to supply the jokes.

Stock Hawk - <https://github.com/willhwongwork/StockHawk>

Mar 2017

- Added enhancement to the app to make it production ready.
- The work included ensuring errors were handled gracefully, building a widget for the home screen, adding support for screen readers, optimizations for localization, and data visualization via a library.

Popular Movies - <https://github.com/willhwongwork/PopularMovies>

January 2017

- Built an app, optimized for tablets, to help users discover popular and highly rated movies on the web.
- Displays a scrolling grid of movie trailers, launches a details screen whenever a particular movie is selected, allows users to save favorites, play trailers, and read user reviews.
- Utilizes core Android user interface components and fetches movie information using themoviedb.org web API.

Work Experience

Freelance -Interior Designer

GuangZhou, GuangDong| Feburary 2015-January 2017

- Freelance and commission works of interior design

HongTu Architecture Firm. - Design Assistant

GuangZhou, GuangDong| July 2013-January 2015

- Designed layouts, planes, facades for Architectural Projects..
- Use CAD for technical drawing of Architectural Components.

Education

Udacity - Android Nanodegree, Machine Learning Nanodegree

South China Agricultural University - Architecture, B.S.

September 2008- June 2013