

Xin He
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<https://github.com/RobinHe0212>

Education

Northeastern University, Boston ,MA

Master of Science in Computer Software Engineering Expected Dec 2019

Relevant Courses: Concepts of Object-Oriented Design, Data Management and Database Design, Enterprise Software Design, Advanced Data Science and Architecture, Software Quality-control and management, User Experience Design and Testing, Smartphones-Based Web Development Information System Program.

Nanjing University Of Posts And Telecommunications, Nanjing, China

June 2017

Bachelor of Engineering in Electronic Engineering

Relevant Courses: Java, Computer Communication, C++

Technical skills

Programming languages	Java, swift
Operating System	Linux, git
Web Technologies	HTML5, CSS3, JSP
Database	MySQL
Framework	Spring MVC, Hibernate, Mybatis, Coredat, Realm, Chameleon
IDE	IntelliJ, Charles, Postman, Navicat, Xcode, UFT, Realm Browser

Apps on AppStore

Lux Dental For patient, Lux Dental Care

Experience

Lux Dental , Cambridge, Boston

Dec 2018- May 2019

Created an app for both dentist's and patient's version from scratch (Native programming)

- For the dentist's version, used slide-out menu to present the topics that the dentists should fill out their own information, such as their working time and place, their preference and personality which in the future greatly matched the patient's choice. And used AVFoundation to realize the video recording function to let dentist show themselves.
- Used UICollectionView to present the news feed and UITableView to do the layout and it allows refreshing and fetching data from the server (currently we used Firestore)
- Used the PageMenu Cocoapods to list the day from Monday to Sunday, and dentist can select their working time and place.
- For the patient's version, patient can finish the questionnaire using UICollectionView and UITableView and end up matching the best dentist for him or her.

Academic Projects

Northeastern University, Boston ,MA

Built an AppStore (Native programming)

Mar 2019-May 2019

(<https://github.com/RobinHe0212/AppStore>)

- Used UITabBarController to set up main tabs ('Today', 'App', 'Search')
- Made advantage of nested UICollectionViewController to realize the layout of each section from different category, like Top Free iPhone Apps
- Used iTunes Apple api to fetch the related information and present on each page

A matching dating App

May 2019-Aug 2019

(<https://github.com/RobinHe0212/MatchWhatULike>)

- Used MVVM model to encapsulate the info and swipe gesture on cards and layout of it
- By swiping the cards left or right to decide which person you want to pass or not and by any chance he or she also likes you, you can message straight to him
- You can upload your bio info and your preference to firebase in profile section