

Xu Han

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OBJECTIVE:

Full-time position in Software Engineering and Computer Science.

EDUCATION:

Worcester Polytechnic Institute(WPI), Worcester MA, May 2016
Master of Science, Electrical and Computer Engineering, GPA 3.7/4.0
Tianjin University, Tianjin China, July 2014
Bachelor of Engineering, Electrical Engineering

SKILLS:

Software: Eclipse Luna, Xcode, MySQL, MatLab, Quartus II, Microsoft Word, Powerpoint.
Programming: Java, Python, Ruby on Rails, Android Application Development, JavaScript, HTML 5, CSS 3, iOS Development, Objective C, C++, Java Servlet, JUnit.
Systems and Others: Windows, Mac OS, Unix, Git, XML, JSON.

PROJECTS:

Flight Reservation System Design, WPI, February 2015 - March 2015

- Designed and implemented the algorithm to list all flight plans based on customers' requirements.
- Programmed Java codes to retrieve all flight data from the database on the server, and convert the input data stream into corresponding objects and attributes.
- Developed server side Java Servlet programs and put it on the Amazon Web Services.
- Used JavaScript Ajax to connect front end webpage with server side programs.
- Implemented UI functionalities like autocomplete, results filter by JavaScript and JQuery
- Documented and wrote Use Cases, and drew the Class Diagrams based on project description.

Android Application development, WPI, December 2014 - August 2015

- Developed and designed a new social networking Android application(App) called "Latalk"
- Designed and completed both front end Android User Interface and Ruby on Rails(ROR) server side application. The Android activities involves Map fragment, Camera preview, Complex animation functionalities and related utilities like data cache, background services and so on.
- Designed backend frameworks, developed ROR backend and managing received messages with attached images.

iOS Application Development , WPI, February 2015 - Present

- Joined a team which aims to add new features into the iOS mobile app for "ASSISTments"- an online learning system.
- Designed the whole bench of flow to implement a new question type which can be posted, answered and constructed via audio and video.

Personal homepage, WPI, February 2015

- Designed the layouts and views of my own personal homepage.
- Styled homepage by HTML 5 CSS 3 codes and maintained it.
- Programmed JavaScript codes to update content dynamically

EXPERIENCE:

Volunteer, Hongbeike kindergarten, July 2012 - September 2012

- Taught kids English speaking and spelling.
- Took care of and played with kids