

Jie Yuan

2043 77th St. Brooklyn, NY 11214
(917) 868 - 7912 · jie.yuan@nyu.edu

EDUCATION:

New York University, School of Engineering

Master of Science in Computer Science, GPA: 3.9

*New York, NY
Expected May 2016*

East China Normal University

Bachelor of Engineering in Computer Science

*Shanghai, China
June 2014*

EXPERIENCE:

Office of Sustainability, New York University

Data Specialist/Backend Developer (PHP, JavaScript, jQuery)

*Manhattan, New York
Jan. 2015 - present*

- Developing the server side functionality of the NYU energy dashboard based on Slim Framework
- Design Client-Server API using JSON data format
- Build web cache for all energy types (with data in the millions) of the whole 230 NYU buildings to optimize user access speed
- Apply the Google Map API to Search and display brief energy diagram in map for each NYU building

ACADEMIC PROJECTS:

New York University, School of Engineering

BubblePin - Memory Landscape App (Java, Parse)

*Brooklyn, New York
Feb. 2015 - present*

- Create an Android Application that provide users with unique perspective of the connection between personal memories and physical world based on Parse Android SDK
- Upload and locate memory documentation in variety format(video, picture or audio) at the location where the event happened based on Google Map Android API V2 and Metaio SDK

Online Music Community (PHP, SQL, jQuery)

Nov. 2014 - Dec. 2014

- Built a responsive online service website that managed information about users, bands and concerts based on Bootstrap3 framework
- Developed social media functionality to allow users to specify their musical preferences, connect/interact with other users, follow and comment bands and concerts, and make lists of recommended upcoming concerts
- Built a personalized recommendation system to help users find concerts based on their interest, fan of bands, circle of users and music they followed

East China Normal University

Android Application - HuaShu Vending Machine (Java, Servlet, MySQL)

*Shanghai, China
Jan. 2014 - May 2014*

- Created an Android Application to locate the nearest vending machine and purchase commodities from it according to the OTO business model
- Applied PHP and MySQL to develop a background service system on the server-side serving data interaction with the client-side of Android via HTTP Protocol and JSON data format
- Implemented the Baidu Map API into the Android Application

Online Bookstore System (C#, SQL Server)

Mar. 2013 - June 2013

- Built an online bookstore system that fulfills the full cycle of order process, including search, shop, order, billing, inMail, order notification and status tracking
- Implemented book recommendation based on user's purchase history

CERTIFICATE:

Object-Oriented Technology and UML, Advanced Level, IBM University Program

Mar. 2013

TECHNICAL SKILLS:

Programming Languages : Java, Android, PHP, SQL, C, JavaScript, jQuery

Database Development : MySQL, SQL Server, MS Access

Other Tools : Git, Parse, IntelliJ IDEA, Android Studio, Eclipse, Bootstrap3, Apache