

# Yunyu Zhang(Forrest)

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## Education

Boston University B.A. Computer Science. Minor in Mathematics

2015-2019

## Experience

### iOS Developer

BrainCo Inc

Jun.2018 – Dec.2018

- Helped to develop an iOS app called “Focus Now!” which is available in the App store.
- Used Swift, CocoaPods, and MVVM model.
- Provided technical assistance to project managers and marketing team on UI/UX.

### Backend Developer

BrainCo Inc

Feb.2019 -Apr.2019

- Worked on building databases and Restful APIs to store user data.
- Wrote scripts to migrate data from PostgreSQL to Redis.

### BU Spark! Fellowship Intern

Boston University

Spring 2018

- Developed an iOS Augmented Reality app which allowed users to “try” clothes on by using Vuforia.
- Got trained on how to develop an idea and turn the idea into a business.
- Project Demo: [https://youtu.be/Wmu1-H69W\\_g](https://youtu.be/Wmu1-H69W_g) Poster Link: <https://bit.ly/2FsfGH7>

### Top 1 in MLH BostonHacks

Boston University

Spring 2016

- Team leader and software developer who won BostonHacks over 500+ participants by making the iOS application “Linguis”. This app teaches people to read, write and speak Chinese by using ARKit. Users can learn complex languages faster by using this app. Devpost link: <https://devpost.com/software/linguis>

### Member of BU AR/VR Club

Boston University

Sep.2017 - Present

- Held an Apple ARKit workshop. Slide Link: [bit.ly/buarvr](http://bit.ly/buarvr) Video link: [bit.ly/2oQUMJe](http://bit.ly/2oQUMJe)

### Volunteer and Mentor in SheHacks

Boston University

Jan.2018

- Taught participants Swift and Xcode and helped them start their basic iOS projects in SheHacks, which was a hackathon aimed to encourage women and non-binary people to join the fields of STEM.

## Projects

### Focus Now!

- An iOS app which helps users to improve their concentration level with games and tasks in the app.
- Available in the App Store.

### Accepted or Not

- A machine learning model that predicts a student’s probability to get accepted by a certain graduate school by using neural network, linear regression, decision tree and random forest.
- Project Link: <https://github.com/dwang1995/admission>

### Boston Real Estate Investment Analysis

- A data mechanics class project which ranks the best real estate spots to invest in the Boston Area by analyzing the big data related to housing.
- Project Link: [https://github.com/YunyuZhang/Boston\\_Housing\\_Analysis/tree/master/course-2018-spr-proj2/alyu\\_sharontj\\_yuxiao\\_yzhang11](https://github.com/YunyuZhang/Boston_Housing_Analysis/tree/master/course-2018-spr-proj2/alyu_sharontj_yuxiao_yzhang11)

### Uber vs. Bus

- A MEAN stack project which makes an optimal decision for users whether they should take bus or Uberpool by analyzing their prices and arriving times. It used MBTA and Uber APIs.
- Project Link: <https://github.com/YunyuZhang/Uber-vs-Bus>

## Technical Skills

Languages: Python, Swift, JavaScript, Java, HTML, CSS, C, R, MySQL

Skills: Full stack development(MongoDB, Express.js, Angular, and Node.js), Apple ARKit, Git, Alexa Skills development