

## EDUCATION

BOSTON UNIVERSITY GPA 3.75/4

Boston, MA

**Master of Computer Science**

Expected May 2017

**Master of Computer Information System**

May 2015

**Certificate of Computer Science**

May 2015

CLARK UNIVERSITY GRADUATE SCHOOL OF MANAGEMENT GPA: 3.91/4

Worcester, MA

**Master of Business Administration in Marketing and Finance**

January 2014

SOOCHOW UNIVERSITY GPA: 3.4/4

Taipei, Taiwan

**Bachelor of Business Management with Concentration in Information System**

June 2010

## SKILLS

**Computer Programming Languages** - PHP, Ruby, Python, C#, Node, Express, HTML5, CSS3, JavaScript, JQuery, AngularJS, React, ES6, Java, C++, C, Android, Linux/UNIX, SASS, LESS.

**Web Development Frameworks** - Laravel, Ruby on Rails, ASP.NET, MEAN, Flask, WordPress.

**Others** - AWS, GitHub, Apache2, Redis, PHPUnit, Oracle, MySQL, MongoDB, PostgreSQL, SocketIO, WebSocket, Docker, REST API, OAuth2.0, HTTP, RTP, Gulp, R, Google Analytics, SPSS, Adobe Creative Suite.

## PROFESSIONAL EXPERIENCE

inSegment, Inc.

Boston, MA

**Full Stack Software Developer**

February 2016 - April 2017

- Involved heavily in 4 large-scale projects and other miscellaneous web development tasks.
- Managed the process of integrating and configuring third-party applications for company's uses.
- Developed and tested scalable applications using PHPUnit with company's coding standard and agile development principle.
- Used various PHP frameworks or micro-frameworks, such as Laravel, Smarty, and Fat-Free Framework.
- Achieved designers' specific requirements about applications' UI by modifying default UI functions.

BOSTON UNIVERSITY - DEPARTMENT OF COMPUTER SCIENCE

Boston, MA

**Research Assistant**

January 2015 - January 2016

- Developed a malware analysis web application for Android mobile applications using Python and Flask Framework.
- Used androguard and weka for connecting to Google Play API, gathering sample Android mobile applications, and analyzing their security specifications.
- Developed an Android application for studying the relation between users' sociability and emotion using various Android sensor APIs and concepts of machine learning.
- Configured and managed the development environment on an Ubuntu server.

CARIBBEAN INTEGRATION COMMUNITY DEVELOPMENT

Boston, MA

**Full Stack Application Developer**

April 2014 - December 2014

- Developed the organization's website according to specified design from scratch.
- Built a CMS for the site using PHP, HTML, JQuery, CSS, and MySQL.

## PERSONAL PROJECTS

<http://204.236.243.88>

- Developing a real-time Express web and mobile applications using React, React Native, and socket.io on Node server.
- Using API first approach and OAuth 2.0 to create secure REST API for both web and mobile applications.
- Using Redis and Node.js Cluster for scalability of the application.

<http://Connoisseurs.space>

- Built and designed a social media site to allow people to share their collections with others using Ruby on Rails.

<http://BookSwap.space>

- Built and designed a website to allow college students to buy, sell, or swap their used textbooks using Node.js and Amazon Web Service.

## ACHIEVEMENTS

Beta Gamma Sigma Honoree

April 2014

## CERTIFICATES

- Zend Certified PHP Engineer
- Oracle Certified Java Associate
- Microsoft Certified Specialist In HTML5, JavaScript, and CSS3
- Microsoft Certified Professional
- Oracle Certified MySQL 5.6 Developer