

# RYAN A. CHING

717-658-1163 • RyanAChing@gmail.com • RyanChing.me

## EDUCATION

---

### Brown University

Providence, RI August 2017 – Present

Master of Science in computer science

GPA: 4.0

Expected graduation date: May 2019

### University of Pittsburgh

Pittsburgh, PA August 2013 – May 2017

Bachelor of Science in computer science, *summa cum laude*

Minor: Economics

Achieved honors degree through additional coursework and academic excellence

## TECHNICAL SKILLS

---

### Programming Languages

- Proficient in: Java, C, JavaScript, HTML/CSS, SQL
- Familiar with: Python, C++, Matlab, Swift

### Tools and Frameworks

- AWS, Firebase, Node.js, Git/Github, Hadoop, AngularJS, BootstrapJS, D3.js, React, ReactNative, Xcode, Android Studio, Bootstrap

## WORK EXPERIENCE

---

### Yellow Brick App, *Software Developer*

Pittsburgh, PA July 2016 – August 2017

- Worked with a small team to build the Yellow Brick mobile application for iOS and Android, personally utilizing tools such as ReactNative, AWS, Java, Swift 3, and Xcode
- Developed an interactive web application to work alongside our mobile app using tools such as jQuery, MapBox, AWS, and D3 JavaScript library for data visualization
- Visited local businesses in the Greater Pittsburgh Area, recruiting dozens of restaurants and bars to utilize our services and advertise their businesses via Yellow Brick App

### PNC Financial Services, *Software Developer Intern*

Pittsburgh, PA June – August 2016

- Reverse Engineered and documented an enterprise web application using AngularJS, D3, BootstrapJS, Java Spring framework, Maven, and RESTful web services
- Utilized AngularJS and D3 to build additional tools and functionalities for the web application
- Worked on a machine learning algorithm to predict the probability of a loan default utilizing tools such as Python and TensorFlow
- Lead the on-boarding process of new hires

### Appsurdity, *Social Media Intern*

Pittsburgh, PA April 2015 – September 2015

- Created and managed multiple social media accounts for a tech startup, personally gaining several thousand new users for the mobile app.
- Gained valuable marketing experience and insight by advertising various products to a target audience

## RELATED COURSE WORK

---

- |                              |                                     |
|------------------------------|-------------------------------------|
| • Software Engineering       | • Design and Analysis of Algorithms |
| • Data Centric Security      | • Cloud Computing                   |
| • Database Management        | • Computer Vision                   |
| • Software Quality Assurance | • Operating Systems                 |
| • Machine Learning           |                                     |