

RYAN A. CHING

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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*

GPA: 3.82

Minor: Economics

Achieved honors computer science 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

- Git/Github, Hadoop, AngularJS, BootstrapJS, D3, React, ReactNative, Xcode, Android Studio

WORK EXPERIENCE

Yellow Brick App, *Software Developer*

Pittsburgh, PA July 2016 – August 2017

- Worked with a small team to build the Yellow Brick App mobile application from the ground up 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 level web application using AngularJS, D3, BootstrapJS, Java Spring framework, Maven, and RESTful web services
- Utilized AngularJS and D3 to create additional tools and functionalities for the web application
- Presented and provided feedback in weekly code reviews to ensure quality coding practices
- 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 thousands of new users for the app.
- Gained valuable marketing experience and insight by advertising various products to a target audience

RELATED COURSE WORK

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