

# Andrew Ma

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## Objective

To obtain a Computer Science/Software Engineering full-time position.

## Education

**Rose-Hulman Institute of Technology**, Terre Haute, IN

- **Majoring in Computer Science and Software Engineering** May 2017
- Received a Merit Scholarship - 3.04 GPA

## Work Experience

**84.51°** - Software Developer Intern, Cincinnati, OH Summer 2016

- Helped update the Kroger Pharmacy solution
- Created a Service Portal for all internal microservices
- Still in progress

**FATHOM VOICE/XTERN** - Software Developer Intern, Indianapolis, IN Summer 2015

- Selected by TechPoint to participate in the Xtern program
- Led a small team charged with documenting over 500 API calls
- Developed a Screen Sharing application to integrate with Fathom's portal

**ACHIEVE WEIGHT LOSS** - Mobile Developer, Greenwood, IN Spring 2015

- Built the mobile Achieve Weight Loss website
- Worked for a small local business

## Projects

**Capital Pun: See What's In Your Wallet Hack** Spring 2016

- Website built on Ruby on Rails, JavaScript, HTML, CSS, Google Cloud (Kubernetes), and the Capital One API for HackIllinois 2016
- Created visualized data of personal finances
- Winner of the VMWare Hack Challenge at HackIllinois 2016, best use of Virtual Machines

**UML Maker** Spring 2016

- Creates a UML diagram given a Java package or certain classes
- Written in Java and powered by the Java ASM library

**Flash on D or F** Fall 2015

- Website built on Ruby on Rails, JavaScript, HTML, CSS, and Heroku for the Riot Games API Challenge 2.0
- Determines whether or not the D or F key is superior for the game League of Legends. Filters results based on champions, player ranks, and lane

## Skills and Abilities

Skilled in JavaScript/Angular2, Python, Java, Ruby on Rails, C, Alloy/TLA+/Yices, Linux, SQL, Microsoft SQL Server, MySQL, HTML, CSS, PHP, Scheme, and  $\text{\LaTeX}$

## Activities

Rose-Hulman Hackers Club 2014 - present

Vice-President/Treasurer of Badminton Club 2013 - present

Combat Robotics Club 2013 - 2014