

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
- TBD

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, Python, Java, Ruby on Rails, C, Alloy/TLA+/Yices, Linux, SQL, Microsoft SQL Server, MySQL, HTML, CSS, PHP, Scheme, and L^AT_EX

Activities

Rose-Hulman Hackers Club 2014 - present

Vice-President/Treasurer of Badminton Club 2013 - present

Combat Robotics Club 2013 - 2014