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, Cinncinati, OH   Summer 2016

- Created a Service Portal for all internal microservices
- Wrote an exploratory data exploration and model analysis project whitepaper
- Constructed CI Dashboard to track all internal projects
- Developed Scrum Kanban Board Dashboard to track Backlog status
- Lead the Kroger Reddit karma project with Machine Learning

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

- Webiste 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 LaTeX

Activities

Rose-Hulman Hackers Club   2014 - present

Vice-President/Treasurer of Badminton Club   2013 - present

Combat Robotics Club   2013 - 2014