Harris Lynch

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EDUCATION

UNIVERSITY OF ILLINOIS - URBANA CHAMPAIGN | BS in Computer Science
GPA: 3.73 / 4.0 | Minor in Political Science | May 2019
Study Abroad (Fall 2017) - University College Dublin, Ireland

EXPERIENCE

SOFTWARE ENGINEERING INTERN | AT&T
June 2017 - August 2017 | Chicago, IL

- Working with Software Defined Networking technologies on ECOMP's Policy engine, which connects network analytics to VM controllers
- Abstracting current policy interactions with external components of the network using Java

SOFTWARE ENGINEERING INTERN | DOW AgroSciences
August 2016 - February 2017 | Champaign, IL

- Improved the usability of iRODS cloud browser using Angular.js by implemented features such as intuitive metadata editing
- Allowed users to query file metadata by expanding the search capabilities of iRODS

SOFTWARE ENGINEERING INTERN | Continental
Summer 2016 | Deer Park, IL

- Designed SQL queries in order to address legacy application bugs and to allow for dynamic visualizations of project data which improved workflow for managers
- Built report generation web application using PHP, Python, and mySQL that allowed for importing Excel spreadsheet data into a database, and creating a report spreadsheet based off this data
- Implemented automated emailing, user logins, and spreadsheet generation for in-house model shop web application to decrease communication time between customers and the shop

PROJECTS

SPEED SEARCH Fall 2016 | Flask
- Created web application based on Wikipedia database that tasked users with getting from one wikipedia page to the next
- Implemented DFS and counting algorithms to generate playable starting and ending pages

CHILLWITHME.XYZ Fall and Winter 2015 | Angular.js, Firebase, Javascript, JQuery
- Produced a social media application with a team where we utilized Facebook login to allow people to create posts, comment on posts, and participate in a live chat

SKILLS

LANGUAGES
Java • C++ • Python • R • PHP • SQL

TECHNOLOGIES
Git • mySQL • Unix • LaTeX • Illustrator

References available upon request