

Harris Lynch

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EDUCATION

UNIVERSITY OF ILLINOIS - URBANA CHAMPAIGN | BS IN COMPUTER SCIENCE

GPA: 3.73 / 4.0 | May 2019

Minor in Political Science

Study Abroad (Fall 2017) - University College Dublin, Ireland

EXPERIENCE

SOFTWARE ENGINEERING INTERN | AT&T

Summer 2017 | Chicago, IL

- Worked with Software Defined Networking technologies on ECOMP/ONAP's Policy engine, which connects network analytics to VM controllers
- Designed new requests and refactored legacy requests in Java according to internal research that will allow for additional actions and more detailed transactions
- Built custom serializer for serializing and deserializing requests and responses between the Policy engine and the VM controller
- Lead development on Chicago's intern based project - a chatbot for AT&T's internal messenger that interacted with the messengers API through Java and stored data on a MySQL database

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

SKILLS

LANGUAGES

Java • C++ • Python • R • PHP • SQL

TECHNOLOGIES

Git • MySQL • Unix • \LaTeX • Illustrator • Drools

References available upon request