

# 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

### AT&T | SOFTWARE ENGINEERING INTERN

Summer 2017 | Chicago, IL

- Worked with Software Defined Networking technologies on ECOMP/ONAP's Policy Engine
- 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
- 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

### DOW AGROSCIENCES | WEB DEVELOPMENT INTERN

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

### CONTINENTAL | SOFTWARE ENGINEERING INTERN

Summer 2016 | Deer Park, IL

- Designed SQL queries in order to address legacy application bugs and to allow for dynamic visualizations of project data
- Built report generation web application using PHP, Python, and MySQL that allowed for importing and exporting Excel spreadsheets
- Implemented automated emailing, user logins, and spreadsheet generation for in-house model shop web application

## 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 allowed people to create posts, comment on posts, and participate in a live chat

## SKILLS

### LANGUAGES

Java • C++ • Python • R • PHP • SQL

### TECHNOLOGIES

Git • MySQL • Linux •  $\LaTeX$  • Illustrator • Drools

References available upon request