

# Harris Lynch

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## EDUCATION

### UNIVERSITY OF ILLINOIS - URBANA CHAMPAIGN | BS IN COMPUTER SCIENCE

College of Engineering | Class of 2019  
James Scholar and Dean's List | GPA: 3.67 / 4.0

## EXPERIENCE

### DOW AGROSCIENCES | SOFTWARE ENGINEERING INTERN

August 2016 - Present | Champaign, IL

- Contributing to iRODS open source middleware application by using Angular.js to improve the usability of the application for internal researchers

### CONTINENTAL | SOFTWARE ENGINEERING INTERN

Summer 2016 | Deer Park, IL

- Designed mySQL database for new application
- Created report generation website with PHP and mySQL that allowed for importing and exporting report spreadsheets, editing reports online, and displaying report metrics
- Constructed queries that allowed for dynamic visualizations of project data which improved workflow for managers
- Implemented automated emailing, user logins, and spreadsheet generation for in-house model shop website which decreased communication time

### CLASSTECH | UNIVERSITY IT SUPPORT

Spring 2016 | Urbana, IL

- Diagnosed systemic issues with internal scheduling application while debugging
- Provided technical phone support to lecturers across campus

## PROJECTS

### SPEED SEARCH | CLASS PROJECT

Fall 2016 | HTML/CSS, 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

### WEATHER MENUBAR APPLICATION | PERSONAL

Summer 2016 | Electron.js, HTML/CSS, Javascript

- Built a weather menu bar app that retrieves current weather using the Google Maps and Forecast API

### CHILLWITHME.XYZ | CLASS PROJECT

Fall and Winter 2015 | Angular.js, Firebase, HTML/CSS, 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

### PROGRAMMING

Languages:

C++ • Java • Python • R • PHP • Javascript • HTML/CSS • SQL

### GRAPHICS & TECHNOLOGIES

Graphics:

Photoshop • Illustrator • InDesign

Technologies:

Git • Unix • SmartBear Collaborator •  $\LaTeX$