

# JONATHAN PHIPPS

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## EDUCATION

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### University of Illinois Urbana-Champaign

Junior Undergraduate

Computer Science + Linguistics

**Relevant Courses:** Data Structures, Computer Architecture, Systems Programming

*Aug 2015 - Present*

Overall GPA: 3.77

## TECHNICAL STRENGTHS

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### Computer Languages

Javascript/ES2015, C/C++, Java, Python, HTML/CSS

### Technologies

Node.js, SQL, Reactjs, Git, MongoDB

## PROJECTS

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### Japanese Flashcard App

Nov 2017 - Dec 2017

- Flashcard app with ability to easily create new cards just by giving it a Japanese word
- Built and designed entirely by me to learn React/Redux
- Uses Node.js backend with mysql for dictionary and user data, includes password hashing and webtokens for authentication
- Frontend made with React, Redux, and Flexbox

### Insurance Data App

Axis Hackathon UIUC 2017

- Take accident data from AXIS database and display it by location, type, and severity over a map of the nation
- Built using Node.js, AngularJS, and Google Maps API
- 3rd place winner

### Ranker

Jul 2017 - Present

- Ranker is a platform for creating, sharing, and comparing ideas of any kind
- Worked on the RESTful API backend architecture to manage app data
- Built using Node.js, MongoDB, Express, Chai, and ReactJS

## EXPERIENCE

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### FIRST Robotics Team 5199

Sept 2013 - May 2015

*Head Programmer*

- Implemented robot's autonomous routines as well as standard controls in a C-based language
- Worked with team to brainstorm fastest, most practical methods for scoring points in multiple competitions
- Placed 2nd in state in 2015

### Jewel-Osco

Jun 2013 - Aug 2016

*Clerk Courtesy*

- Provided "red carpet" customer service by attending to guests various needs and bagging their purchases
- Gathered carts from the parking lot and attended to miscellaneous tasks around the store