

JONATHAN PHIPPS

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EDUCATION

University of Illinois Urbana-Champaign

Aug 2015 - Present

Senior Undergraduate, graduating May 2019

Overall GPA: 3.58

Computer Science + Linguistics

Relevant Courses: Data Structures, Programming Studio, Systems Programming, Algorithms

SKILLS

Computer Languages

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

Technologies

Nodejs, Reactjs, Git, MongoDB, SQL

Natural Languages

English (Native), Japanese (Fluent), Mandarin (Beginner)

PROJECTS

Japanese Dictionary History

Jun 2018 - Aug 2018

- Self-built webapp and chrome extension for keeping track of Japanese-English dictionary lookup history
- Chrome extension adds increment button to each dictionary entry on jisho.org
- Front-end made with React, Redux, and Chartjs; back-end with Node, Express, and MongoDB

Japanese Flashcard App

Nov 2017 - Dec 2017

- Self-built Flashcard webapp with ability to easily create new cards just by giving it a Japanese word
- Uses Node.js backend with mysql for dictionary and user data, includes password hashing and webtokens for authentication
- Front-end 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

EXPERIENCE

Hack Illinois 2018

Aug 2018 - Present

Front-end Developer

- Website for one of the largest hackathons in the US
- Work with large event team to deliver best experience for hackers
- Build react-redux front-end app and admin portal in conjunction with design team

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