

# Keaton Johnson

## Junior in Computer Engineering

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**Website:** <https://keatondj.github.io>

### **Education:**

Iowa State University, Ames, IA | Bachelor of Engineering, Computer Engineering  
2.8 Cumulative GPA, 3.2 Core CprE GPA, Expected Graduation May 2020

### **Programming Languages and Tools**

C (as well as embedded C), Java, JavaScript | Spring Framework, MySQL | HTML, CSS, ReactJS | Git

### **Projects**

**Mars Rover, CprE 288** - Embedded Systems projects

- Used various modules to navigate an iCreate roomba through a maze of obstacles.
- Created programs from scratch to implement modules like an IR sensor, sonar sensor and servo.
- The obstacle course was navigated without vision from any of the group members.

**TwentyOne, ComS 309** - Android Client and Spring Server group project

- TwentyOne is a multiplayer card game app for Android based off of the casino game Blackjack
- Worked on the server side integration using the Spring Framework, along with mySQL.
- Used Git for version control. Gained experience creating an app with development branches.

**Individual Learning, ReactJS**

- Worked on an individual project to learn more about ReactJS and Node Package Manager.
- Used Github to host my progress on this project.
- Developed various components to gain experience with Javascript and ReactJS.

### **Work Experience**

**Campus Cafes, Ames, IA**

**August 2017-Current**

- **Student Supervisor**
  - Oversee the cafe and resolve various customer conflicts or complaints.
  - Lead a group of employees by dispersing responsibilities throughout the day.
  - Observe and maintain state and stock of the cafe.

**West Lakes Hy-Vee, West Des Moines, IA**

**August 2015-May 2018**

- **Meat Department Clerk**
  - Constant management of both the service case and self service cases.
  - Communicated with co-workers and interacted with customers.

**City of Clive, Clive, IA**

**May 2015-August 2015**

- **Lifeguard**
  - Worked with a group of people to maintain a fun and safe environment.
  - Constant monitoring of my assigned station's zone. *Stations rotate every 15 minutes.*

### **Leadership**

**Friley Converse House, Ames, IA**

**August 2017-May 2018**

- **Academic Chair**
  - Assist with Friley house residents' questions pertaining to their studies.
  - Set up and assist in converse floor study groups.
  - Attend senate meetings to report the current overall state of the house's academics.