

# Keaton Johnson

## Senior in Computer Engineering

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

### **Education:**

Iowa State University, Ames, IA | Bachelor of Engineering, Computer Engineering  
2.98 Cumulative GPA, 3.25 Core CprE GPA, Expected Graduation May 2020

### **Programming Languages and Tools**

C, C#, Java, JavaScript, Go | .NET Core, Spring Framework, MySQL | 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.

#### **Argos, Kiewit**

- Worked on image classification project utilizing an agile based workflow.
- Used ReactJS to create a front end to display tagged images.
- Utilized the .NET Core framework to create a RESTful API that also ran images against a model.

### **Work Experience**

Kiewit, Omaha, NE

May 2019-Current

- **API Developer Intern**
  - Worked on a machine learning project that classifies images.
  - Applied my learnings at ISU into a professional Agile based work environment.
  - Learned how to utilize various technologies such as .NET Core, ReactJS, and EF Core.

Campus Cafes, Ames, IA

August 2017-May 2019

- **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.

### **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.