

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
3.12 Cumulative GPA, Expected Graduation May 2020

Programming Languages and Tools

C, C#, Java, JavaScript/TypeScript, Go | .NET Core, Spring Framework, MySQL | ReactJS | Git

Projects

Argos, Kiewit - Image Classification Intern Project

- 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.

Mars Rover, CprE 288 - Embedded Systems project

- 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.

Work Experience

Kiewit, Omaha, NE

May 2019-December 2019

- **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.