

# Isaiah K. Lee

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[kingswulfe.com](http://kingswulfe.com)

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## Education

2014 - 2019      **University of Wisconsin Madison**

GPA: 3.21

- Bachelor of Science in Computer Science. Coursework included Operating Systems, Computer Networking, Database management, Algorithms, and the tenets of good Software Engineering including: AGILE and Waterfall ideologies, version control, code styling practices, software patterns such as MVC, and unit and integration testing

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## Experience

### CS200 Testing Service

- Designed and built a React product for a real customer alongside a large, diverse, and dynamic team
- The service is to assist our client in organizing and curating exams from one central webportal with a single database of questions to be used among all the professors and TAs of the CS200 classes
- Throughout development I kept the team organized and on track through trello, github, google docs, and slack; always ensuring everyone knew their tasks and were working on what they preferred with who they preferred
- I worked on front end user functionality and the front ends integration with the backend. Creating pagified display tables that actively responded to user input and connecting them to our database, improving user experience
- I built the unit and integration test pipeline and scripts our team used to ensure code health and app functionality

### [Kingswulfe.com](http://Kingswulfe.com)

- Personal portfolio website to act as an online presence and as a collection of my projects, webapps, and scripts
- I began coding the website using core internet technologies: HTML, CSS, and Javascript, all the while learning as I went, and eventually added even more technologies such as SASS, PHP, JQuery, and SQL
- Connected the site to a MySQL backend using PHP, and wrote a log-in system using php sessions
- Integrated an api for yandex translate (like google translate) into its own webpage
- I am hosting several small javascript and python projects on the site: A JS raycasting project using the p5 library, a JS game of snake, and a web scraper in python that runs server side and returns the data to the browser

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## Skills and Tools

### Technical Skills

- Firm understanding of Frontend/Backend dichotomy in Model-View-Controller setup in real world environments
- Experience working in an AGILE team, gathering user stories, and performing weekly sprints
- Experience writing documentation to the degree that another team would feel comfortable taking over the project

### Applications & Tools

- Eclipse IDE, VSCode, Command Shells and Terminals, Vim, Windows and Linux environments, BASH/Git version controllers, Photoshop and InDesign

### Languages

- Familiar: JavaScript, Python, C, Java, HTML
- Some Experience: SQL, CSS, PHP, React, Node.js, Express.js

### Leadership

- Ability to show initiative and leadership in organizing and executing with a dynamic and diverse team
- Relentlessly pushing for optimization, improvement, and simplification to avoid edge cases and bugs
- Skilled in helping team members improve their abilities and overcome obstacles