

## Sean Krummel

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### TECHNICAL SKILLS

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**Programming:** Java, Python, Javascript, C++, HTML, CSS, SQL, NoSQL, Git

**Operating Systems:** Mac OS, Windows 7/8/10, Linux

### RECENT PROJECTS

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**Schnapsidee**, learn German vocabulary

- Exercise in implementing algorithms and working in a pair
- Uses a spaced repetition algorithm to determine the order to present vocabulary
- Implements a linked list using an array due to limitations in the database
- React, Redux, NodeJS, passport, MongoDB

**Game-A-Tron**, turn mundane tasks into games

- Agile development with a team of four developers and a program manager
- React, Redux, NodeJS, passport, node-mailer, Cloudinary, Gmail, MongoDB

### RELEVANT WORK EXPERIENCE

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**Java Development Intern**, The University of Iowa, Iowa City, IA Sept. 2017 - Dec. 2017

- Program and maintain administrative database
- Backend web development using Java with Stripes framework
- Some HTML, HQL, Bootstrap

**Helpdesk Hardware Technician**, Luther College, Decorah, IA March 2016 - Dec. 2016

- Assess and diagnose user's hardware problems
- Install and upgrade operating systems
- Replace or repair parts including hard drives, cables, RAM, batteries, keyboards, and screens

**Helpdesk Technician**, Luther College, Decorah, IA Aug. 2015 - Dec. 2016

- Assist students and faculty with various PC and Mac software issues
- Offer technical assistance in person, by phone, or email

### EDUCATION

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#### Luther College

3 semesters, Computer Science

- Received a liberal arts education while focusing on Computer Science
- Learned a firm understanding of fundamental concepts of Computer Science including object oriented programming, algorithms, data structures, languages and grammars, and automata
- Left to pursue a programming bootcamp in place of a 4 year degree

#### Thinkful

Engineering Immersion Programming Bootcamp

- Learned industry practices with a focus on HTML, CSS, Javascript, jQuery, Node.js, React, and Redux
- Developed mobile-first applications in a group, with pair-programming, and solo with the advise of a senior web developer