

Permanent Address:

611 Ames St.
Libertyville, IL 60048

Email: kylehall484@gmail.com

Phone: (847) 254 9013

University Address:

201 E. Burlington St.
Iowa City, IA 52242

Kyle M. Hall

Education

The University of Iowa, Iowa City, IA
BSE in Computer Science and Engineering

Anticipated Graduation May 2020
Cumulative GPA 3.42/4.00

Work Experience

Cerner, Software Engineering Intern

May 2019 – August 2019

- Developed patient-facing medical software.
- Enhanced single sign-on validation for the Department of Defense.
- Collaborated with members of the product development team.
- Gained experience using the Agile development process on a large-scale application.

Showpad, Full Stack Intern

June 2018 – August 2018

- Assisted in client integration problem-solving.
- Developed proof of concept, full-stack, applications.
- Created user-friendly documentation for client integration.
- Developed unique use cases for Showpad's SDK.

Software Engineering Technical Skills

Computer Programming:

- Experience with algorithms, data structures, Java (Spring framework), Python (Django framework), C++, C, SQL, JavaScript, HTML, CSS, Verilog, AVR assembly language, Swift, Matlab, Git, and Subversion.

Fancy Weather Web Application:

- Lead a diverse team of developers to create a full-stack web application.
- Utilized user's IP addresses to dynamically populate the website's background.
- Created a server to manage the actions needed for the site.

Hackathon E-Commerce Application:

- Rapidly developed a multi-threaded web application allowing synchronous transactions.
- Drafted requirements and developed a functioning version in under 72 hours.
- Effectively divided tasks and managed time with a collaborator.

Square Split Mobile Application:

- Programmed a group bill splitting iOS app with a team of developers.
- Spearheaded meetings to organize specific objectives to keep product development on schedule.

Leadership Experience

Beta Theta Pi, Vice President of Programming

December 2017 – November 2018

- Elected to work alongside the executive council to make professional, long-term decisions.
- Created subcommittees and delegated tasks to streamline programming responsibilities.
- Budgeted and managed funds in excess of \$30,000.
- Orchestrated and executed large scale events while collaborating with other executive council members.

Beta Theta Pi, Vice President of Alumni Relations

December 2018 – Present

- Re-elected to serve a second term on the executive council.
- Clearly communicated recent accomplishments and upcoming events to alumni.
- Managed feedback and funds from a major capital campaign.