

**Permanent Address:**

Modified for online  
distribution.

**Email:** Modified for online

**Phone:** distribution.

**University Address:**

Modified for online  
distribution.

# 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.