

# Justin M. Hohl

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**Objective:** To obtain a summer internship related to software engineering and computer science.

**Education:** **Rose-Hulman Institute of Technology, Terre Haute, IN** May 2018  
Bachelor of Science, Computer Science and Software Engineering  
Status: Year 2 Junior  
**GPA: 3.51/4.00**, Dean's List 4/4

*Related Courses:* Databases, Computer Architecture, Object Oriented Programming, Data Structures and Algorithm Analysis

**Skills:** Proficient in Java, JavaScript, iOS Swift, C, HTML, CSS, Linux OS, and Python

**Experience:** **hc1.com Software Engineering Intern** Summer 2015  
*Quality Assurance/Development Intern*

- Designed front end bug fixes for a web application
- Developed test plans for upcoming features and technical debt
- Aided in the transition to Dockerized servers for more efficiency while saving \$980,000 per year.
- Collaborated with multiple teams in reconfiguring global search call with new servers.

**Projects:** **Robot Wars** Winter 2014  
*Developed robots to individually and as a team battle other bots*

- Implemented Dijkstra's algorithm for navigation in the robots
- Explored Java concepts outside of class time
- Finished 3<sup>rd</sup> out of 22 teams in class wide competition

**Map of India** Winter 2015  
*Led and developed a course project to create an interactive roadmap*

- Implemented the A\* pathfinding algorithm
- Allowed for routing to be prioritized by user criteria

**Rose-Hulman Operation Catapult** Summer 2013  
*Student Programmer*

- Quickly learned Python in order to recreate Tetris
- Prepared a presentation for alumni and guests

**Digger Arcade Game** Winter 2015  
*Course final project to recreate classic game Digger*

- Constructed the main game engine
- Incorporated File I/O for level creation and high score tables
- Developed algorithms for player movement and object interaction

**Activities** **Pi Kappa Alpha Social Fraternity** 2015—Present

- Executive Board Member – Treasurer
  - Responsible for the financial well-being and legal liability of over 110 members
  - Allocate and oversee an annual budget of over \$340,000
  - Reconcile bank statements at the end of each month

**Boy Scouts of America** 2007—Present

- Assistant Scoutmaster Boy Scout Troop 278
- Eagle Scout with Bronze and Gold Eagle Palms