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 3rd 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
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  - 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