James K. Wagoner
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Objective: Seeking a full-time position in the field of Computer Science with interest in the Defense Industry.

Education: **Bachelor of Science, Computer Engineering and Computer Science** **May 2019**
Minor: Mathematics   GPA 3.87
Rose-Hulman Institute of Technology, Terre Haute, IN

Related Courses: Data Structures and Algorithm Analysis, Embedded Systems,
Computer Architecture, Independent Study on Binary Analysis, Operating Systems

Skills: *Languages:*   C, C++, C#, Java, Python, JavaScript/JQuery, HTML, x86 assembly, MIPS assembly
Development: Visual Studio, Eclipse, MPLAB IDE, Linux

Internships: **WDD Software Solutions**, Indianapolis, IN   Summers 2017 & 2018
Intern/Developer
- Served as lead developer on the in-house project management application
- Extended the in-house project management application with a meeting management service that synced milestone meetings for projects and powered a web page displayed in the lobby which automatically updated to greet clients to meetings with customized views
- Communicated with employees to take feature requests, and design and implement new features meeting the requester's requirements
- Debugged and maintained the existing code base and database

Gaming Research Integration for Learning Laboratory, AFRL**,** WPAFB   Summer 2016
Intern/Mentor
- Served as a mentor to high school students in STEM outreach programs
- Projects included a parachute simulator with a full hanging harness and force feedback, a rudimentary laser tag game, and a virtual cockpit using a head mounted display and go kart chassis to control an RC car with a head tracking camera

Roche Diagnostics Corporation, Indianapolis, IN   2014-2015
Design Verification Co-op
- Implemented a productivity aide in Excel VBA to import and reformat CSV exports from the requirements management program to match government specifications

Projects:
- Built a basic multi-process operating system as a group project
- Designed and built a multi-cycle accumulator processor in Xilinx as a group project
- Built a basic replica of Bomberman with Java Swing as a group project

Activities:
- IEEE-Eta Kappa Nu Honor Society   2017-Present
- Ask Rose Homework Help Supervisor   2017-Present
- Ask Rose Homework Help Tutor   2016-2017

Honors:
- National Merit Scholar Finalist   2015
- Eagle Scout   March 2013