

# JAMES COLEMAN GIBSON

GitHub/StackOverflow: jcolemang

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OBJECTIVE	To obtain a challenging internship where I can grow my knowledge and meaningfully participate in a substantial programming project	
EDUCATION	Bachelor of Science, Computer Science Minor in Mathematics Rose-Hulman Institute of Technology GPA 3.83	May 2018
EXPERIENCE	<b>Intern</b> <i>Beckman-Coulter, Indianapolis</i>	June 2016 – Aug 2016
	<ul style="list-style-type: none"><li>• Researched web technologies for a future Beckman-Coulter product</li><li>• Used Angular2, RxJS, TypeScript to build a front-end prototype</li><li>• Distributed MongoDB, OrientDB for high availability</li></ul>	
	<b>Developer</b> <i>Rose-Hulman Ventures</i>	Dec 2015 – May 2016
	<ul style="list-style-type: none"><li>• Developed and maintained workers' compensation website</li><li>• Wrote software used by paying clients</li><li>• Python, JavaScript, HTML, jQuery</li></ul>	
	<b>Teaching Assistant</b> <i>Rose-Hulman Computer Science Department</i>	Sept 2015 – Current
PROJECTS	<ul style="list-style-type: none"><li>• Assistant in Data Structures and Algorithms Analysis, freshman courses</li><li>• Utilizing multiple communication styles to reach different individuals</li><li>• Guiding students through important programming concepts</li></ul>	
	<b>Programming Assistant</b> <i>Operation Catapult</i>	June 2015 – Aug 2015
	<ul style="list-style-type: none"><li>• Lectured and assisted students with their first programming project</li><li>• Worked full time with a professor and second assistant</li></ul>	
	<b>"Dream Career" Website</b> <i>Intro to Database Systems</i>	Mar 2016 – May 2016
	<ul style="list-style-type: none"><li>• Worked on a team of three to construct a website for final project</li><li>• Designed database schema and wrote SQL transactions</li><li>• C#, ASP.NET, SQL Server</li></ul>	
ADDITIONAL	<b>Handwritten Digit Classification</b> <i>Data Mining</i>	Jan 2016 – Feb 2016
	<ul style="list-style-type: none"><li>• Classified user input with neural network trained on MINST dataset</li><li>• Wrote a DBSCAN C extension for Python to segment text</li><li>• Managed project with two other developers</li></ul>	
	<b>Processor Design</b> <i>Computer Architecture I</i>	Oct 2015 – Nov 2015
ADDITIONAL	<ul style="list-style-type: none"><li>• Created and tested stack based multicycle processor using Xilinx</li><li>• Wrote processor emulator and assembler GUI to test our design</li></ul>	
	Vice President of Astronomy Club	
	Linux as primary OS	
	Notable upcoming/current classes include Programming Language Concepts, Operating Systems, Software Design, Software Requirements Engineering Hobbies include art history, photography, reading, running	