

JAMES COLEMAN GIBSON

GitHub/Stack Exchange: jcolemang
gibsonjc@rose-hulman.edu
269-254-7340

OBJECTIVE	<i>To obtain a challenging summer internship where I can grow my knowledge and meaningfully participate in a substantial programming project</i>	
EDUCATION	Bachelor of Science, Computer Science Minor in Mathematics Rose-Hulman Institute of Technology GPA 3.81	May 2018
EXPERIENCE	Intern <i>Beckman-Coulter, Indianapolis</i>	June 2016 – Aug 2016
	<ul style="list-style-type: none">• Researched web technologies for a future Beckman-Coulter product• Used Angular2, RxJS, TypeScript to build a front-end prototype• Distributed MongoDB, OrientDB for high availability	
	Developer <i>Rose-Hulman Ventures</i>	Dec 2015 – May 2016
	<ul style="list-style-type: none">• Developed and maintained workers' compensation website• Wrote software used by paying clients• Python, JavaScript, HTML, jQuery	
	Teaching Assistant <i>Rose-Hulman Computer Science Department</i>	Sept 2015 – Current
PROJECTS	<ul style="list-style-type: none">• Assisted in Intro to Software Development and Intro to Computer Systems• Guided students through important beginning programming concepts• Utilized multiple communication styles to reach different individuals	
	Programming Assistant <i>Operation Catapult</i>	June 2015 – Aug 2015
	<ul style="list-style-type: none">• Lectured and assisted students with their first programming project• Worked full time with a professor and another assistant	
	"Dream Career" Website <i>Intro to Database Systems</i>	Mar 2016 – May 2016
	<ul style="list-style-type: none">• Worked on a team of three to construct a website for final project• Designed database schema and wrote SQL transactions• C#, ASP.NET, SQL Server	
ADDITIONAL	Handwritten Digit Classification <i>Data Mining</i>	Jan 2016 – Feb 2016
	<ul style="list-style-type: none">• Classified user input with neural network trained on MNIST dataset• Wrote a DBSCAN C extension for Python to segment text• Managed project with two other developers	
	Processor Design <i>Computer Architecture I</i>	Oct 2015 – Nov 2015
ADDITIONAL	<ul style="list-style-type: none">• Created and tested stack based multicycle processor using Xilinx• Wrote processor emulator and assembler GUI to test our design	
	Vice President of Astronomy Club Linux as primary OS Notable upcoming classes include Programming Language Concepts, Operating Systems, Software Design, Software Requirements Engineering Hobbies include art history, photography, reading, running	