

# Simon Snider

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2496 S. Harvest Acres Dr.

Vincennes, IN

Objective	To get a job in the software development industry	
Education	<b>Bachelor of Science, Computer Science</b> Rose-Hulman Institute of Technology, Terre Haute, IN	Spring 2022 GPA 3.46
	<b>Associate of Science, Computer Science</b> Vincennes University, Vincennes, IN	Spring 2019
Skills	<ul style="list-style-type: none"><li>• Data structures</li><li>• Object oriented software</li><li>• Algorithm Analysis</li><li>• Experience in using Java, C, SQL, and Python</li></ul>	
Relevant Courses	Data Structures and Algorithm Analysis, Programming Language Concepts, Computer Architecture 1 & 2, Introduction to Computer Systems, Intro to Database Systems, Operating Systems, Software Requirements Engineering	
Experience	<b>Keysight-Ixia Software Developer Intern</b> <i>Keysight Technologies</i> <ul style="list-style-type: none"><li>• Worked as a software development intern at Keysight on team Ixia developing the A400GE-QDD system</li><li>• Used Typescript and Angular to implement new features on the A400GE's server and updated the server's GUI.</li></ul>	Summer 2021
	<b>Reach-Your-Teacher</b> <i>Techpoint S.O.S. Challenge</i> <ul style="list-style-type: none"><li>• Participated in Techpoint's S.O.S. challenge to design an application to fulfill a need during the 2020 Covid-19 pandemic.</li><li>• Designed an application in a team of 6 developers to facilitate a safe environment for teachers and grade-school students to communicate easily.</li></ul>	Summer 2020
	<b>A.I. Cleaning Robots</b> <i>Artificial Intelligence – Rose-Hulman Institute of Technology</i> <ul style="list-style-type: none"><li>• Implemented a utility matrix to guide a digital robot to clean a grid of tiles using the most efficient path possible.</li><li>• Used natural language processing to parse typed commands for the robot.</li></ul>	Fall 2020
	<b>Baremetal OS</b> <i>Operating Systems – Rose-Hulman Institute of Technology</i> <ul style="list-style-type: none"><li>• Designed a simple operating system using C in Linux, including a custom Kernel and file storage system.</li><li>• Implemented a scheduler to handle running multiple processes simultaneously.</li></ul>	Winter 2020
	<b>My-Rose-Carillon</b> <i>Android Application Development – Rose-Hulman Institute of Technology</i> <ul style="list-style-type: none"><li>• Developed a social media Android application for students of Rose-Hulman to create and vote on songs to be played on the Rose-Hulman bell tower.</li><li>• Connected the app to Firebase to store and retrieve user data and midi files.</li></ul>	Summer 2020
Clubs and Activities	<b>Concert Band – Vincennes University, South Knox High School</b>	2011-2019
	<b>Drama Club –Rose-Hulman</b>	2020-2021
	<b>Swing Dance Club Secretary and President – Rose-Hulman</b>	2020-2021