

Kristian Zadlo

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EDUCATION:	Bachelor of Science, Computer Engineering Rose-Hulman Institute of Technology, Terre Haute, IN	May 2020 GPA 3.90/4
SKILLS:	Worked with Java, C#, REACT Native, MSDB, Firebase, Groovy, and Powershell Experience with Assembly, Verilog, Web Development, Soldering, and Integrated Circuits Fluent in English and Polish	
EXPERIENCE:	Relativity – Software Engineering Intern - Optimized 100 functional, integration, and unit tests in C# to run 40 minutes faster - Wrote a Jenkins pipeline in Groovy and Powershell that uses Azure to upgrade software - Created 4 Powershell scripts to help with test improvements and daily workflow - Documented the performance impact of thread counts on Jenkin nodes - Interacted daily with virtual machines and a 1 million file codebase	Summer 2019
	Vertabiz LLC - Lead Developer - Designed and created a RESTful service that interacted with Firebase - Implemented a REACT Native application that communicated with RESTful services - Assured quality and scalability throughout the codebase - Led a team of 3 interns and worked with a team of 4 on user experience and design - Communicated from abroad with team members	June-December 2018
	Polish Scouting Organization – Troop Leader - Mentored groups of up to 25 young teens to become young leaders - Organized and led 13 trips with \$4,000 budgets for up to 40 people - Managed \$10,000 and organized leadership activities	2014-Present
	Web Development for Renaissance Quintet - Designed a website according to W3C Standards - Programmed in PHP alongside Bootstrap, HTML, CSS, and JavaScript libraries - Researched and taught myself web programming libraries	Summer 2016
	Study Abroad in Rome, Italy - Communicated and worked with groups of 10 students from different cultures - Studied broadcasting in the form of creating 9 podcasts and vidcasts - Developed new perspectives and appreciations by studying 10 Roman communities	Summer 2018
PROJECTS:	Introduction to Embedded Systems – Wireless Music Creator - Programmed in C with a partner a PIC with EUSART, LCD, speakers LEDs, and buttons - Wrote Java software to communicate between a serial communicator and SQL database - Created a website using HTML, PHP, and bootstrap that interacts with a SQL database	
	Computer Architecture I – 16-bit Accumulator Processor - Worked on a team of 4 to design a processor with 8 registers and 24 instructions - Used Xilinx and Verilog to create the processor on an FPGA - Designed a detailed register transfer language, component specifications, and test case plan	
HONORS:	Dean's List Tau Beta Pi Honors Society (Member) Eta Kappa Nu Honors Society (Webmaster and Tutor) Alpha Lambda Delta Honors Society (Historian) Chicago Startup Weekend (3 rd Place) Terre Haute Startup Weekend (3 rd Place)	6/6 Quarters May 2019 – Present February 2019 - Present May 2018 - 2019 May 2018 November 2017
ACTIVITIES:	Rose-Hulman Track and Field Team ESCALATE Participant and Program Mentor Rose-Hulman Intramural Official Mazur Dancer at White and Red Ball	2017 - Present 2017 - 2018 2017 - Present March 2017, 2018, 2019