

Zach Hall

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EDUCATION

Southeast Missouri State University	May 2022
<i>Bachelor of Science in Computer Science</i>	3.58 GPA
<ul style="list-style-type: none">Jane Stephens Honors member, Deans ListComputer Science Club OfficerCollegiate Cyber Defense Competition team - Linux Specialist Observer	2019 - 2020

WORK EXPERIENCE

Red Letter Communications	Nov. 2020 – Present
<i>Web Developer</i>	<i>Cape Girardeau, MO</i>
<ul style="list-style-type: none">Develop websites given requirements and goals from clients and project managersConstantly communicate progress and roadblocks to other developers	
Southeast Missouri State University	Nov. 2020 - Present
<i>Research Assistant</i>	<i>Cape Girardeau, MO</i>
<ul style="list-style-type: none">Designing and building a program to determine crop heights through one-camera drone footageEdge detection of crops and buildings	
Black Raven AFC	Jun. 2020 – Oct. 2020
<i>Software Engineer Intern</i>	<i>St. Louis, MO</i>
<ul style="list-style-type: none">Proposed and started building a website to monitor up-time, SSL Certificates, and new pages/users createdDesigned and implemented email marketing campaigns to help drive traffic to clients websitesHandled multiple client accounts and projects while communicating progress with said clients	
Charter Spectrum	May. 2019 – Aug. 2019
<i>Project Coordinator Intern</i>	<i>St. Louis, MO</i>
<ul style="list-style-type: none">Worked with other interns to design and present a system to document API endpoints, assisting front-end developers while increasing customer support, efficiency, and speed	
Charter Spectrum	Jan. 2019 – Apr. 2019
<i>Ecommerce Intern</i>	<i>St. Louis, MO</i>
<ul style="list-style-type: none">Increased communication speed between teams by implementing a department-wide org-chart	
Chihuahua Rescue Midwest	Jul. 2019 – Feb. 2020
<i>Web Development Volunteer</i>	<i>St. Louis, MO</i>
<ul style="list-style-type: none">Decreased yearly website costs by 96% by rebuilding the website into a lighter and more mobile applicationDesigned and implemented a system where a dog could be added to the website within minutes of availabilityIncreased the number of individuals that entered the sales funnel by 200% by using the above feature and adding forms to connect potential customers with company representatives	

PROJECTS

Home Network Tools	Personal Project
<ul style="list-style-type: none">Setup a Docker environment to manage and test different tools on my home network	

Skills

HTML, CSS, JS, Python, Java, Linux, Docker, WordPress, ReactJS, GatsbyJS, GraphQL, Git,