

# Zach Hall

zachjohnhall@gmail.com ❖ <https://www.zachhall.me/>

## EDUCATION

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### Southeast Missouri State University

*Bachelor of Science in Computer Science*

GPA

- Jane Stephens Honors member, Deans List
- Computer Science Club Officer
- Collegiate Cyber Defense Competition team - Linux Specialist Observer

May 2022

3.58

2019 - 2020

## WORK EXPERIENCE

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### Black Raven AFC

*Software Engineer Intern*

Jun. 2020 – Present

St. Louis, MO

- Proposed and started building a website to monitor up-time, SSL Certificates, and new pages/users created
- Designed and implemented email marketing campaigns to help drive traffic to clients websites
- Handled multiple client accounts and projects while communicating progress with said clients

### Charter Spectrum

*Project Coordinator Intern*

May. 2019 – Aug. 2019

St. Louis, MO

- 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

*Ecommerce Intern*

Jan. 2019 – Apr. 2019

St. Louis, MO

- Increased communication speed between teams by implementing a department-wide org-chart

### MarketVolt

*Email Template Creator Intern*

Aug. 2018 – Nov. 2018

St. Louis, MO

- Provided customers with more options in terms of email marketing by designing and creating email templates

### Chihuahua Rescue Midwest [<https://chihuahuarescuemidwest.org/>]

*Web Development Volunteer*

July 2019 – Present

St. Louis, MO

- Decreased yearly website costs by 96% by rebuilding the website into a lighter and more mobile application
- Designed and implemented a system where a dog could be added to the website within minutes of availability
- Increased 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

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### Address Center Locator

*Python, MapQuest OpenGeocoding API*

Personal Project

- A script that takes any number of addresses as input returns the exact center address

### Home Network Tools

Personal Project

- Setup a Docker environment to manage and test different tools on my home network

## Skills

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