Zach Hall

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EDUCATION

Southeast Missouri State University **May 2022**
Pursuing a Bachelor of Science in Computer Science 3.58 GPA

- Jane Stephens Honors College member
- Dean's List
- Collegiate Cyber Defense Competition team - Linux Specialist Observer **2019 - 2020**

WORK EXPERIENCE

Black Raven AFC **Jun. 2020 – Present**
Software Engineer Intern: ReactJS *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 **May. 2019 – Aug. 2019**
Project Coordinator Intern: ReactJS *St. Louis, MO*

- Worked with other interns to design a system to document API endpoints to assist front-end developers while increasing customer support, efficiency, and speed
- Presented the above project in front of 115 individuals from various teams within Charter/Spectrum

Charter Spectrum **Jan. 2019 – Apr. 2019**
Ecommerce Intern *St. Louis, MO*

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

MarketVolt **Aug. 2018 – Nov. 2018**
Email Template Creator Intern: HTML, CSS *St. Louis, MO*

- Designed and created email templates using HTML
- Provided customers with more options in terms of email marketing

VOLUNTEER EXPERIENCE

Chihuahua Rescue Midwest [https://chihuahuarescuemidwest.org/] **July 2019 – Present**
ReactJS, GatsbyJS, GraphQL, Github, Netlify, Netlify CMS, OAuth authentication *Saint Peters, MO*

- Decreased yearly website costs by 96% by hosting the site front-end on Netlify
- Increased the number of dog adoption applications by 200% by creating a system where dogs up for adoption can be added to the web page within minutes of availability

PROJECTS

Address Center Locator **Personal Project**
Python, MapQuest OpenGeocoding API

- A script that takes any number of addresses as input and converts them to geocoordinates
- An approximate address of the center location is given if possible