

CARLY HAYTER

Objective:

Front-end engineer fluent in React seeks mission-oriented position

Contact:

carlyhayter@gmail.com
Carlyhayter.com
Wordpress Tech Blog:
blog.carlyhayter.com

Knowledge:

- Git
- NPM/Yarn
- React
- Webpack
- Recharge
- Node.js
- Next / Vercel
- CSS3, SASS, Styled Components
- Shopify
- Figma
- Javascript
- HTML5
- Gatsby
- RESTful APIs
- Wordpress
- GraphQL

Experience:

Front End Engineer

Feb 2022/Nov 2022

Employer: Wild Earth

- Maintained and helped build out feature work in headless architecture site for plant-based dog food start up, built with Gatsby and Wordpress
- Helped build and develop component libraries from ground up. Utilized atomic design principles to build components from Figma designs
- Helped build products quiz to engage and educate customers and generate conversions,
- Worked on product cancellation flow to recommend alternative products and promote customer retention
- Helped build account area of website, including user-authentication on the back-end and incorporating Auth0 for login flow
- Developed components in Gutenberg Blocks for Wordpress to facilitate ease of updating media for content creators, decreasing

Freelance Engineer

May 2021/Feb 2022

Client: Never Die Young

- Provided server-side rendered custom website to generate online presence and provide information for music group
- Mobile friendly and responsively designed
- Coded with React in the Next.js framework
- Configured hosting and domain name for client
- Created custom logo, branding, and all design features of website
- <https://www.neverdieyoung.net/>

Client: Canine Corners Dog Park

- Provided design, development consultation and plug-in support to Wordpress site for non-profit organization Canine Corners

Self-Directed Projects

Project: AI Color Palette Generator

- Mobile friendly, responsive, custom web page with infinite scroll functionality to generate color palettes for designers
- Used async/await and fetch to get photos from Unsplash API
- Accessed Imagga's AI Color Palette API with basic authentication to generate color palette from image
- <https://infinite-scroll-pi.vercel.app/>

Project: Portfolio Site

- Mobile friendly, responsive, custom web portfolio website created in React using the Next.js framework
- Created custom logo, branding, and all design features of website
- Carlyhayter.com

Project: Tech Blog

- Created custom Wordpress theme
- Migrated site to Amazon Web Services (AWS) for hosting
- Set up HTTPS certification
- Carllitabobita.com

Research Associate

Feb 2020/May 2021

Employer: Omniome

Project: Production Sequencing Lab Page

- Custom webpage designed for monitoring ongoing DNA sequencing across multiple machines (<https://seq-lab-status.vercel.app/>)
- Created custom webpack configuration for SPA deployment on Vercel
- Page was designed to fetch data from remote computers, to optimize the teams time management and productivity in and out of lab

Project: Sequencing Data Analysis

- Wrote scripts which performed automated analysis of DNA sequencing metrics in regards to standard operating procedure sequencing. This informed leadership of changes in sequencing quality quickly relative to new process changes. Presented data to the team on a bi-weekly basis.
- Answered ad hoc questions relative to DNA sequencing quality, providing vital feedback regarding process development changes.
- Designed and performed automated lab workflow error analysis. This allowed our team to identify sources of error and rectify them.
- Analysis performed in R and RStudio

Undergraduate Researcher

Jan 2018/Dec 2019

Employer: California State University San Marcos

- Jameson Lab: Translational research examining the effects of rapamycin on epithelial gamma delta T cell function and wound healing in mice. Performed RNA extraction/isolation, immunofluorescence analysis.

Education:

B.S. Molecular Biology - Magna Cum Laude - California State University San Marcos

Volunteer Work:

Museum Ambassador

Jan 2015/Jun 2016

Location: Reuben H. Fleet Science Center

- Greeted guests at museum and provided explanations of exhibits
- Assisted in neuroscience presentations, helping the public use microscopes and explain the science

Education Volunteer

Jan 2016/Jun 2016

Location: Reuben H. Fleet Science Center

- Taught instructional activities at after school program aimed at encouraging girls in economically disadvantaged schools to gain confidence in science
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