HALSEY QUINN
Software Engineer

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TECHNICAL SKILLS

Proficient: JavaScript (ES6), React, Gatsby, Netlify, Webpack, Babel, HTML, CSS, NPM, Git, GitHub, Google Analytics 4
Knowledgeable: TypeScript, Node.js, Three.js, GraphQL, Express, PostgreSQL, Sequelize, SQL, AWS, Mocha, Chai

WORK EXPERIENCE

Benefits Data Trust (BDT) | *Frontend Software Engineer (Web Developer)*   Oct. 2022 – Aug. 2024
- Managed maintenance, hosting, CI/CD pipeline, and deployment for two public-facing sites using Netlify
- Performed platform integration with HubSpot using REST API, streamlining data flow from forms into the marketing automation system
- Developed a filtration and pagination system to organize 280+ diverse content pieces from our content management system (CMS) using 5 filters and 50+ tags
- Learned, managed and monitored Google Analytics 4; created custom events, built custom reports for stakeholders
- Enhanced templated NetlifyCMS pages with 6+ custom React components for reuse in posts, reports and articles
- Collaborated with Communications & Marketing, UX Design, and Engineering teams, contributing as a member of an agile engineering team using Jira and following the Software Development Life Cycle (SDLC)
- Led an 8-week HTML/CSS Bootcamp for tech-curious colleagues
- **Technologies:** JavaScript, React, Gatsby, Webpack, Babel, Node.js, GA4, Hotjar, Browserstack, Sketch, Adobe CC, Git

Culturally Relevant Science (CRSci) | *Web Developer, Board Member* (Part-time, Volunteer)   Mar. 2021 – Jan. 2024

FEATURED PROJECTS

2023 Impact Report | Benefits Data Trust (BDT) | *Frontend Software Engineer* | View Project   May 2024
Immersive digital impact report "leaps and bounds beyond anything [BDT] has produced for the donor market before"
- Worked with UX designers to create engaging animations and React components such as an interactive SVG map
- Achieved a 206% increase in engagement in the 3 weeks after publish compared to 2022's static PDF report
- Created a dynamic anchor system using component state and Intersection Observer for page navigation
- **Technologies:** JavaScript, React, Gatsby, Webpack, Babel, Node.js, GA4, Hotjar, Browserstack, Git

Wyatt | Benefits Data Trust (BDT) | *Frontend Software Engineer* | View Project   Sept. 2023 – Aug. 2024
Marketing site, web/SMS chatbot and opt-in form for an AI-powered chatbot helping students complete the FAFSA
- Rebuilt website and opt-in form in 1 month, contributing to the growth of monthly users from 3k to 72k in 7 months
- Developed a scalable system for quickly deploying dynamic customer pages with unique logos, copy, and form fields
- Executed UI development for web-based Wyatt, the counterpart to the SMS bot, powered by custom OpenAI GPT
  - Collaborated with artificial intelligence engineer to overcome challenges such as formatting markdown into React for seamless streaming responses and maintaining chat history across multiple pages of an SSG site
- Collaborated with UI designer and AI engineer to build a new web chat widget, resolving UX issues from the original OpenAI embed and increasing unique user conversions from 431 to 2,270 per month
- Leveraged the overhaul to implement WCAG-compliant standards, ensuring accessibility for all components
- **Technologies:** JavaScript, React, Gatsby, Webpack, Babel, Node.js, OpenAI API, GA4, Hotjar, Browserstack, Git,

Asteroids | *Software Engineer* | View Project   Apr. 2022
React and three.js web application for interactive visualization of the closest and largest asteroids to Earth on any given day; utilizes NASA's NeoWS API to render 3D scenes
- Utilized Redux to manage state, allowing users to interact with 3D elements to navigate application views
- **Technologies:** JavaScript, React, Redux, Three.js, Material-UI, Express, Webpack, Babel, Node.js

EDUCATION

Fullstack Academy, Grace Hopper Program, New York, NY   May 2022
Certificate in Software Engineering
- **Technologies:** JavaScript, React, Redux, NextJS, Node.js, PostgreSQL, Express, Mocha, Chai, Sequelize, Git

Emory University, Atlanta, GA   May 2018
Bachelor of Arts in Film and Media Studies
- **GPA:** 3.9 | **Language Concentration:** Arabic | **Minor:** Political Science
- Phi Eta Sigma National Honor Society | Pi Sigma Alpha Political Honor Society | Dean's List