Winona Murphy

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A Front End Developer with 3 years of software development experience specializing in accessibility, effective testing, and UI design. Skills and experience include:

Languages: Python, Javascript, HTML/CSS

Libraries/Frameworks: TailwindCSS, React.js, Next.js, Vue.js

Cloud: Google Cloud Platform (ReCAPTCHA, Cloud Run Functions)

Other: Git, Github, Figma, Jira

WORK EXPERIENCE

Happy Coin, *Frontend Developer,* Cos Cob, CT   August 2024 – Present

Improved website for coins and valuables store by reducing spam form submissions, consolidating product UI and creating a seamless integration between BigCommerce, Inkfrog and BirdEye.

- Prevented 20% of spam contact form submissions on store's ecommerce site hosted on BigCommerce by transitioning ReCAPTCHA from v2 to v3 utilizing Google's 3rd party API in a Javascript script hosted on Google Cloud Run Functions.
- Shaved off 30 minutes for each new lead interaction in BirdEye by creating a custom contact form extracting necessary information about each customer's item, including gold/silver content, quantity, brand, etc. in a concise format using HTML/CSS, and FormSubmit.
- Generated more new lead calls to the store by adding an accessible call button to each product description using BigCommerce's Stencil UI, HTML and SCSS.
- Tracked new website tasks remotely, and handled tasks with minimal supervision using Jira, saving weeks of discussion lag during busy store hours.

DataAnnotation, *AI Trainer,* Remote   January 2024 – Present

Critiqued AI model responses via a 6-axis scale on computer science topics, covering Javascript, Python, Swift, and more in order to train and prepare these AI models to answer anyone's coding questions.

Dmarcian, *Frontend Developer,* Brevard, NC   August – November 2023

Implemented new design for informational DMARC website's homepage for email cybersecurity company.

- Completed crucial step of plan to implement a cohesive brand across all company web assets by coding the rebranded Home page for the DMARC informational website using Next.js, React.js, and TailwindCSS. The new source code produced a single-page web application with intuitive navigation and reusable components, and followed UI hierarchy principles, improving readability and increasing web traffic.
- Collaborated with UX designer to implement agile iterations of rebranded UI utilizing Figma and Zeplin, and reviewed new code with developers on the product team via Slack, ClickUp and Gitlab in order to maintain high code quality standards.

IBM, *Quantum Client Support Developer*, Yorktown Heights, NY   July 2020 – August 2023

Supported free and paying clients of IBM's Quantum Systems, Software Development Kit (QISKIT) and services and developed python scripts to improve communication with these tools.

- Developed a Computational Quantum Database using Vue, Figma and Carbon, including adding forms for quantum problems and solutions, and modals showcasing contributors.
- Created mailing lists using Python and an internal API to fetch user emails from every IBM Quantum provider, saving hundreds of hours in communications.
- Delivered an automated slide compiler to display project statuses for the Research team, improving the efficiency of designing and maintaining an up-to-date status report.
- Proposed feedback on 4 features of IBM Quantum Experience during UX research, including reviewing digital tours, navigating through multiple applications, using the built-in code editor and organizing account information.
- Designed solutions for hundreds of clients in the IBM Quantum Network with customized Python code. Provided thorough explanations of Quantum Systems and Qiskit with cross-team collaboration.

PROJECTS

Pokedex, [Source Code](#)   May – June 2022
- Developed a compendium about Pokemon using React.js, Next.js, and HTML/CSS, allowing users to search by name and type, and to make a favorite Pokemon list, with a simplified user experience.
- Maintained modular, up-to-date state management by utilizing React.js hooks, mainly useState and useEffect.
- Fetched and posted information from a 1st party API about Pokemon and their favorite status.

Knitting Page, [Source Code](#) [Website](#)   May – June 2022
- Created a technical website about different aspects of knitting, featuring a responsive layout following UI principles of color contrast, visual hierarchy, alignment, and color palette based on background image.

EDUCATION

Bachelor of Arts, Computer Science and Physics (GPA: 3.68/4.00)   May 2020
Wesleyan University, Middletown, CT