

PAMELA CAGUANA

Software Engineer

SUMMARY

Creative and detail-oriented software engineer with a passion for continuous improvement. Proven track record of creating and implementing successful full stack web applications. Looking to bring my skills to a tech company improving the lives of its users.

WORK EXPERIENCE

Hack.Diversity Fellow at Hack.Diversity | New York, NY

January 2023 — Present

- Selected into 2023 Hack.Diversity Fellowship, Software Engineering track, a career leadership and workforce development program integrating NYC's innovation, corporate, civic, academic, and philanthropic pillars

Full Stack Developer | Freelance

January 2020 — Present

- Designed and developed static websites and full web apps and curated online presence on social platforms for improved web traffic and SEO. Clients are small businesses and working professionals
- Built semantically structured full stack web applications

Qiskit Open Source Contributor at IBM Quantum | Remote

April 2022 — September 2022

- Worked with a diverse team of IBMers on a full stack web application where the user can draw a circuit schematic to simulate a quantum bit (qubit) with readout that will ultimately be part of IBM's Quantum Experience
- Improved UX (made components more stable, image source), made improvements in component connections, identified and troubleshot bugs in the functioning of the front end React components
- Added components to canvas including the Josephson Junction which is used to build IBM's transmon qubit
- Fixed bugs that made wiring certain components impossible, Improved component connectivity using React Flow
- Surfaced a bug that added spurious data in the JSON request sent to a Flask API endpoint
- Built a docker image from the production build using a multi-stage Dockerfile to create a docker image that is both small and fast
- Deployed Next.js app on the IBM Cloud

Investor Relations at Okapi Partners | New York, NY

January 2017 — December 2018

- Assisted in the development of campaign themes with investment firms, including Elliot Management, for proxy votes and battles

CONTACT

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SKILLS

Javascript

React

Next.js

Node.js

Git

MongoDB

OOP

Web Accessibility

Figma

UX/UI

HTML/CSS

EDUCATION

Hunter College

2011-2015

Economics, Biology

PROJECTS

QC Spice

IBM

Involved in all aspects of full stack app created for Quantum Physics grad students

Medical Web App

Hack.Diversity

Led my group in building a full stack MERN CRUD app

Maintained the remote repo on GitHub