

HARMONY RICHMAN

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SKILLS

Proficient: JavaScript, Node, Express, Sequelize/Postgres/SQL, React, Redux, HTML5, CSS, Git, Github, Firebase, Salesforce

Knowledgeable: Mocha, Jasmine, Heroku, Passport (OAuth), React Native, Viro AR

Languages: English (Native), Chinese (Fluent)

PROJECTS

2019

muralARts

Software Engineer • <https://github.com/muralARts>

A mobile application that uses AR to create curated exhibitions of paintings in your own community.

- Designed database schema using Firebase for curated exhibits at pre-determined locations across NYC and their respective paintings and built all database calls.
- Utilized Redux to populate app's global store with user selected exhibition.

2019

Employer

Solo Software Engineer • <https://employer.herokuapp.com>

An application that assists people with criminal backgrounds to gain employment and deter recidivism by ensuring prospective employer hiring processes align with The Fair Chance Act and Article 23-A.

- Designed educational app that walks users through employment rights and generates a letter of self-advocacy in the job application process.
- Built a fullstack application that uses user form submissions to render unique letters and stores the letter in the user's account.

2019

Grace Shopper

Software Engineer • <https://codecodepuffs-graceshopper.herokuapp.com>

An e-commerce site that allows both guests and users to add to persistent carts and purchase potions.

- Developed with JavaScript, Sequelize, Express, React, Redux, Git, Github, HTML, CSS.
- Used local storage to allow persistent guest carts.
- Built express routes and instance methods to allow for add to cart and edit cart functionality.
- Completed deployment on Heroku with Google OAuth.
- Designed database models and created associations for full schema.

EXPERIENCE

2018-2019

Children of Promise

Development Associate

- Managed organization's Salesforce database of 20,000+ volunteers and donors to execute the volunteer-to-donor strategy in increasing individual donations and identifying additional funding opportunities.

2016-2018

Getting Out & Staying Out

Employment Development Manager

- Directed a \$200,000/year paid internship and employment program.
- Built 60+ business employer partnerships in industries such as healthcare, tech, education, real estate.
- Assisted over 200 young men obtain meaningful employment upon returning home.

EDUCATION

2019

Grace Hopper

A 17-week immersive software engineering program centered on full-stack JavaScript development, including Node, Express, Sequelize ORM for PostgreSQL databases, React and Redux; along with HTML & CSS, and CS fundamentals.

2012 - 2016

Barnard College of Columbia University

Bachelor of Arts.