

# HARMONY RICHMAN

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## SUMMARY

Passionate and data-driven full-stack engineer, focused on creative problem solving at the intersection of technology and social impact. Dedicated to building scalable and innovative tools to create sustainable solutions that advance people's lives.

**Technologies:** JavaScript/ES6, Node.js, Express, React, Redux, PostgreSQL, Firebase, Python, Shopify Liquid, HTML/CSS, Git, Github, OAuth, Salesforce

## PROJECTS

### Silver Factory | Web Application for Korean Eatery

Ongoing Project

- Developed and implemented website for a Korean restaurant using JavaScript, HTML, CSS

### ShopNaeya | Shopify Online Store for Lifestyle Brand

Ongoing Project

- Generated and maintained responsive web design using Shopify platform and Shopify Liquid.
- Developed and coded Shopify theme from scratch following client's design deck.

### muralARts | Mobile Application using Augmented Reality

<https://github.com/muralARts>

- Utilized Firebase to design the database schema for pre-determined locations and render artworks using Google APIs and Cloud Storage .
- Implemented Redux to populate state based on user selections.

### Grace Shopper | e-Commerce Web Application

<https://codecodepuffs-graceshopper.herokuapp.com>

- Utilized React's state management and unidirectional data flow architecture to efficiently render queried third-party API data as modular components.
- Employed Google's OAuth 2.0 authentication service in the application's login flow to reduce security risks associated with storing hashed user data.

### Employer | Letter Generator Web Application

<https://employer.herokuapp.com>

- Developed full-stack web applications that processed, analyzed, and rendered data visually based off user input.
- Leveraged Redux to create a reusable stateful functional component to manage dynamic state and component re-rendering.

## EXPERIENCE

### Children of Promise | 2018 - 2019

Development Associate

- Acted as Salesforce database administrator for 20,000+ volunteers and donors and executed volunteer-to-donor strategy.

### Getting Out & Staying Out | 2016 - 2018

Employment Development Manager

- Directed a \$200,000 budget for paid internships and employment programs and placed over 200 clients.
- Built 60+ employer partnerships in industries including healthcare, tech, education, real estate.

## EDUCATION

### Grace Hopper | 2019

Immersive software engineering program focused on full-stack Javascript development.

### Columbia University | 2012-2016

Bachelor of Arts