

# Julian Vazquez

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301-910-3013

## EDUCATION

### **University of Maryland, College Park**

*Bachelor of Science in Information Science; Sustainability Studies Minor*

**College Park, MD**

*Class of 2020*

- Cumulative GPA: 3.84/4.0
- Graduated with Latin honors: *summa cum laude*
- Relevant Coursework: Dynamic Web Applications, User Centered Design, Database Design and Modeling, Object-Oriented Programming, Data Sources and Manipulation, Information User Needs and Assessment

## WORK EXPERIENCE

### **Association, Innovation and Management, Inc.**

*Web Designer*

**Reston, VA**

*Feb 2020 – May 2020*

- Designed UI wireframes, got it approved by the client and proceeded to implement them into code
- Proposed technical and design improvements that made its way to the final deliverables
- Worked independently to transfer over 80 pages from old to new domain (<https://www.toxicology.org>)
- Integrated the Bootstrap CSS framework into the project for faster development

### **CEN Haiti**

*App Developer*

**College Park, MD**

*Jan 2020 – May 2020*

- As part of a Capstone Project, developed an application for a non-profit to connect donors and underfunded schools located in Pétion-Ville Haiti, resulting in a \$10,000 donation to fund future development
- Interviewed executives and internal members of the organization to gather technical requirements and constraints in order to effectively define the problem scope and engineer the right solution
- Built an authentication system that displays user-dependent content and restrictions for three user groups
- Authored technical documentation and user manuals to facilitate the future development of the application

## PERSONAL PROJECTS

### **Mock E-Commerce Store**

*Live site:* <https://e-commerce.julianvazquez.me/>

- Designed high-fidelity wireframes and created a design system prior to implementation that guarantees visual consistency across the site
- Developed a React server-side rendered application to provide fast load times and improved search engine optimization (SEO)
- Prioritized web accessibility, ensuring proper keyboard navigation for screen-readers (focus management, semantic tags, and ARIA labels) as well as adequate contrast ratios tested for color blindness

### **Pet Matcher**

*Live site:* <https://pet-matcher.julianvazquez.me/>

- Leveraged a public API to create a React single-page-application (SPA) that given a US zip code, finds dogs for adoption in a given area
- Implemented filtering capabilities that allows for preference-based results
- Created a consistent visual branding that fits the application's use case

## SKILLS

*Front End:* JavaScript, React, NextJS, HTML5, CSS3, Git, Responsive Web Design, Web Accessibility

*Back End:* NodeJS, Python, MySQL, MongoDB

*Languages:* English, Spanish