

# Wastena M. Endrias

Gaithersburg, MD | Phone: (301) 525 5766 | Email: [wastena.e@gmail.com](mailto:wastena.e@gmail.com)

## SUMMARY

I am seeking an engaging position that utilizes my ability to design, update, and optimize dynamic and responsive web projects as well as my skills in creating design solutions to meet user needs. Prior experience with each step of the development process from front to back end, as well as with user-centered design, user experience, database design and management, and client relations. Strong oral and written communication skills and ability to collaborate in a team.

## EDUCATION

**Bachelor of Science in Information Science**  
University of Maryland, College Park, Maryland

May 2022

## RELEVANT COURSES

Dynamic Web Applications; User-Centered Design; Object Oriented Programing (Java, Python), Data Visualization; Organizations, Management and Teamwork; Technology, Culture, and Society; Privacy, Security and Ethics for Big Data

## TECHNICAL SKILLS

**Programming Languages:** HTML/CSS, JavaScript (incl. jQuery, AJAX), NodeJS, PHP, SQL, Python

**Other Technologies and Software:** Git & version control, Adobe XD, Canva, Tableau, Excel, Gephi, MySQL Workbench

## RELATED EXPERIENCE

### Programming Intern

Maryland Public Interest Research Group

Jan. 2019 –

May 2019

- Collaborated in a team of three to build an easy-to-use web application interface for phone banking volunteers to streamline organization's outreach program using HTML, CSS, and JavaScript through Google App Script.
- Increased the efficiency of organization phone banking.
- Cleaned and organized database of survey data to feed into web application.

### Social Media Coordinator (Volunteer Position)

Maryland Public Interest Research Group

Jan. 2018 –

Jan. 2019

- Created and publishing visual media as well as text-based posts over multiple social media platforms.
- Designed visual content via Canva for promotional and informational purposes.
- Created and automated post schedule for efficient and timely delivery of content.

## PROJECTS

### Air Quality Monitoring Website: Team Lead & Programmer | *HTML, CSS, JavaScript, NodeJS, Express, REST*

Department of Information Studies iConsultancy, University of Maryland, College Park

Jan. 2022 –

May 2022

- Collaborated in a team of six to develop a website and interactive map with air quality sensor API data for the William Schmidt Outdoor Education Center to be integrated into an environmental curriculum.
- Responsible for communication between client and project team including for meeting scheduling, project updates, and follow ups.
- Presented final deliverables and findings to client and 50 peers.

### Gift Registry Web App | *HTML, CSS, JavaScript, Bootstrap, NodeJS, Express, MySQL*

Personal Project

June 2022 –

Present

- Designing and developing a gift registry web app on which users can create accounts, create wish lists, add friends, and view and fulfill others' wish lists.
- Designing and building a relational MySQL database to store users, friend relationships, and wish list data

### Inclement Weather Database Creation | *SQL, MySQL Workbench*

Information Science Coursework

Jan. 2021 –

May 2021

- Collaborated in a team of five students to fully design, model, and create, and test a SQL inclement weather database with National Weather Service data.

### Coding Education App: User Research and Design | *AdobeXD*

Course Final Project, College Park, Maryland

Aug. 2021–

Dec. 2021

- Engaged in user-centered design process including research through conducting user interviews, creating user personas, and engaging in contextual inquiry.
- Collaborated app prototyping using Adobe XD.
- Presented final deliverables and design process to 50 people.