

Avery Dahir

bdahir2@gmu.edu | eibeoli.github.io | github.com/eibeoli

Education

George Mason University – BS in Information Technology

December 2024

Experience

Software Engineering Intern | The Cru – Remote

June 2021 – October 2021

- Partnered with Product, Design, and Marketing to prototype and deploy interactive UI components
- Developed and optimized internal support processes to enhance efficiency and responsiveness across the company
- Coordinated with the Engineering teams to develop clear, detailed documentation that improved team communication and efficiency, streamlined project onboarding, and enhanced information accessibility for team members
- Implemented front facing pages through the development lifecycle

Front-End Developer | George Mason University Student Centers – Fairfax, VA

Jan 2021 – June 2021

- Designed, maintained and developed over 20 unique responsive pages to specific requirements from 3 different departments, resulting in a 20% increase of traffic to our site
- Worked with the Marketing team to improve SEO strategy and increase organic traffic, leveraging Figma for design
- Responsible for creating staging and production environments for seamless deployment
- Website: studentcenters.gmu.edu

Projects

Matsclub E-Commerce - Senior Capstone Project | JavaScript, PHP, MySQL, AWS Lex, Lambda

matsclub.com

- Led a team of five as Project Manager to develop and launch a full stack e-commerce platform, implementing modern UI/UX design
- Integrated Google Analytics and tracking tools, leveraging data-driven insights to refine marketing strategies and improve product discoverability, boosting sales over a 6-month period by 30%
- Developed an intuitive admin dashboard for easy inventory and over management, increasing operational efficiency and reducing manual workload by 40%
- Designed mockups of ecommerce site with Figma into working front end web pages, leveraging JavaScript and HTML/CSS, developed backend components with MySQL
- Created comprehensive documentation and training materials

Color Palette Generator | ReactJS, Flask, Python, Heroku

github.com/eibeoli/color-detector

- Developed a ReactJS-based application for web artists
- Uses Kmeans clustering algorithm to find prominent colors; image extraction with Pinterest API

Brand Availability Checker | Flask, Heroku

brand-availability-32f5869139e1.herokuapp.com/

- Lightweight application that searches for available brand names; utilizing Python web scraping methods

Skills

Languages: JavaScript, Java, Python, PHP, TypeScript, SQL, MySQL

Frameworks: React, Spring, Angular, Express, Flask

Developer Tools: HTML/CSS, Wordpress, WP-CLI, Git, AWS (Amazon Web Services), Heroku, Postman, Jira, REST/APIs