

# Avery Dahir

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## Education

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**George Mason University** – BS in Information Technology

## Experience

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**Software Engineering Intern** | The Cru – Remote

- Collaborated with the Product, Design, and Marketing team to support prototypes to test and iterate that evolved into working components
- Enhanced web applications by increasing test coverage and reliability

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

- Designed, maintained and developed over 20 unique 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
- Responsible for creating staging and production environments for seamless deployment
- Website: [studentcenters.gmu.edu](https://studentcenters.gmu.edu)

## Projects

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**Senior Capstone Project** | JavaScript, PHP, MySQL, AWS Lex, Lambda

[matsclub.com](https://matsclub.com)

- Led a team of five as Project Manager to create a functional ecommerce website and customer support system, overseeing the entire development lifecycle with JIRA
- Designed and developed backend components with MySQL
- Designed mockups of ecommerce site with Figma into working front end web pages
- Created comprehensive documentation and training materials

**Color Palette Generator** | ReactJS, Flask, Python, Heroku

[github.com/eibeoli/color-detector](https://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

**Mason Meals** | Angular, AWS

[github.com/it390-001/mealprepapp](https://github.com/it390-001/mealprepapp)

- Built a meal planning app using Angular, ExpressJS and Typescript

## Skills

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**Languages/Databases:** JavaScript, Python, Java, PHP, TypeScript, SQL, HTML, CSS, MySQL

**Frameworks:** ReactJS, Angular, ExpressJS, Flask

**Developer Tools:** Git, AWS, Heroku, Postman, Jira