

MACKENZIE DOAN

443-204-9193 | mackenziedoan@gmail.com | <https://github.com/mavkiie/> | <https://www.linkedin.com/in/mackenzie-doan/>

EDUCATION

University of Maryland, College Park

Expected: May 2026

B.S. Computer Science, Asian American Studies Minor

RELEVANT COURSEWORK

Web Development, Object-Oriented Programming (I, II), Discrete Math, Computer Systems, Calculus (I, II, III), Algorithms, Data Structures, Organization of Programming Languages, Applied Probability and Statistics

SKILLS AND CERTIFICATIONS

- **Programming Languages:** Java, JavaScript, HTML, CSS, C, Python, PHP, MATLAB, Unix, OCaml, Rust, R
- **Web Technologies/Frameworks:** jQuery, Angular, React
- **Developer Tools:** Figma, FileZilla (FTP), Git, Eclipse, Visual Studio Code, Adobe Creative Cloud

WORK EXPERIENCE

Mission Agency | Baltimore, MD

May 2024 - August 2024

Full-Stack Developer Intern

- Developed custom front-end websites using JavaScript, HTML, CSS, PHP, and jQuery, enhancing user experience, engagement, and mobile responsiveness
- Repaired high-monthly traffic websites with 10,000+ viewers for clients like the Maryland Zoo and the Supreme Court Historical Society, leveraging open-source CMS platforms such as WordPress and Drupal
- Collaborated with intern cohort to create internal advertising campaigns and landing pages, attracting quality clients
- Optimized website performance by prioritizing code efficiency, fast load times, and smooth user interactions
- Performed thorough QA and ADA compliance testing, adhering to WCAG 2.2 guidelines to ensure universal accessibility

Adobe Design at University of Maryland | College Park, MD

August 2024- Present

Student Ambassador

- Plans and executes 4+ Adobe workshops teaching students how to best utilize Adobe applications
- Promotes Adobe through content creation and advertising through personal social media channels, driving students' awareness and interest, leading to increased activations of free Adobe Creative Cloud at UMD, actively growing brand awareness

ESF Camps | Baltimore, MD

June 2023 - August 2023

Coding Instructor

- Led ESF's coding camp guiding 15 campers in completing 5 coding projects using JavaScript, HTML, and CSS
- Curated 5+ lesson plans focusing on A.I. personal machines, visual arts, music, and navigation
- Fostered a positive and encouraging learning environment, facilitating campers' understanding in fundamentals of programming

PROJECTS

Bee HOSS Landing Page | JavaScript, HTML, CSS, jQuery

May 2024 - August 2024

MISSION Agency

- Developed a single-scroll website for honey hot sauce company Bee HOSS to highlight brand values, ingredients, and products
- Partnered with the design and copywriting teams to devise the user-interface design, contents, and wireframes

Professional Website | JavaScript, HTML, CSS, Bootstrap

May 2024 - Present

Personal Project

- Created a website to showcase my skills, work experience, projects, and resume
- Designed and brainstormed wireframes and prototypes using Figma to create a user-friendly and appealing layout
- Utilized Bootstrap and responsive web design principles to ensure compatibility on all mobile devices

Graphs and Mazes | Java, Eclipse IDE

November 2023 - December 2023

Object-Oriented Programming

- Engineered a maze game that generates maze types using weighted-directed graphs to complete different traversals such as breadth-first traversal, depth-first traversal, and Dijkstra's Algorithm
- Utilized Java to implement the complex logic and functionalities, ensuring seamless traversal and maze generation