

## Aaron Tulloch

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### Technical Skills

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- **Languages & Frameworks:** Java, Swift, SwiftUI, JavaScript, React, React-Three-Fiber, NodeJS, CSS, HTML, jQuery
- **Technologies:** AWS: Lightsail, AWS: Amplify, Firebase, MySQL
- **Other:** XCode, GitHub, Version Control, Figma, Database Management, RestAPI, Object-Oriented Programming

### Experience & Projects

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#### **(Full-Stack) Preference Wear IOS App (Swift, SwiftUI, MVVM, SPM, Firebase Auth & Firestore, React)**

##### ***January 2023 - Present***

- Designed user interface with Figma to better conceptualize the planning process and make the app look/feel more appealing to my target audience.
- Saved user information with Firebase Auth and Firestore while using MVVM architecture to provide a cleaner workflow with data throughout the development process.
- Enhanced accessibility for individuals with skin conditions like eczema, providing a centralized platform to discover compatible clothing options from their preferred brands.
- Utilize React to create a website that enables clothing brands and vendors to seamlessly contribute their eczema-friendly clothing products to the app.
- Enhance user experience by incorporating individual preferences, including skin conditions, seasonal style preferences, and fabric choices, into clothing recommendation features.

#### **(Full-Stack) Undergraduate Research Project (PHP, AWS, MySQL, jQuery, JavaScript, HTML, CSS, Printful API, PayPal API)**

##### ***August 2022 - November 2022***

- Leveraged Figma to design a visually captivating user interface, enhancing the planning process and targeting the website's appeal to the desired audience.
- Developed a dynamic product management system by seamlessly integrating the Printful API with my website, eliminating the requirement for maintaining clothing inventory.
- Prepared detailed reports outlining the progress made on the project, including implemented changes, encountered challenges, and proposed plans for future development.
- Deployed the server-side website by utilizing AWS Lightsail instance and database endpoint.

#### **(Full-Stack) Retro Gaming E-Commerce (PHP, AWS, MySQL, JavaScript, HTML, CSS, PayPal API)**

##### ***August 2022 - November 2022***

- Designed user interface with Figma to better collaborate on the planning process, while making the app look/feel more appealing to my target audience.
- Applied design principles consistently to optimize website usability.
- Collected user feedback through surveys to inform iterative design improvements and optimize functionality.
- Actively incorporated user feedback to refine and enhance the project, ensuring it met the needs and preferences of the target audience.

### Education & Certification

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**Bachelor of Science - Digital Media, Georgia Gwinnett College, Lawrenceville GA**

**2023**

**Certification: PHP**