

# Taylor Merwin

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## EDUCATION

### **Bachelor of Computer Science and Systems** **Minor in Technical Communications**

*University of Washington Tacoma Campus*

Graduated June 2024

- Data Structures, Software Development, Client Server Programming, Database Design, Mobile App Programming, Secure Coding Principles, Usability Testing, Human-Computer Interaction

## EMPLOYMENT

### **Student Web Developer**

*University of Washington Tacoma Campus*

February 2023 - Present

- Developed custom web interfaces for internal systems, reducing administrative task resolution time.
  - Redesigned department webpages with Drupal, prioritizing user experience and improving content flow.
  - Maintain web content for the department with Drupal, ensuring access to the latest information.
  - Standardized official department materials ensuring clarity and design consistency.
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## PROJECTS

### **Bloggy - Technical Blogging Web Application** | TypeScript, PostgreSQL, Express.js, GCP, TailwindCSS

[github.com/TaylorMerwin/bloggy](https://github.com/TaylorMerwin/bloggy)

- Responsive design made mobile friendly using TailwindCSS and DaisyUI
- Utilized server-side rendering with Node.js and EJS to provide faster load times and better UX.
- Enhanced content management capabilities by integrating PostgreSQL database and image hosting by Google Cloud Storage, increasing responsiveness at scale for all CRUD operations.

### **BookStore API** | Node, Express, PostgreSQL, Docker, Postman

[github.com/TaylorMerwin/group3-book-store-api](https://github.com/TaylorMerwin/group3-book-store-api)

- In a team of four developers, developed API that supports all CRUD functionality
- Routes documented and tested using JSDoc and Postman to ensure robustness and standardization

### **HuskyHaze - Mobile News and Weather Application** | Kotlin, XML, Android, Firebase

[github.com/TaylorMerwin/HuskyHaze](https://github.com/TaylorMerwin/HuskyHaze)

- Worked in a team of four developers to create a custom news and weather application.
- Offers a customizable news feed and weather forecast based on user input.
- Utilizes Firebase to implement Auth0 and cloud functions to improve security and improve load times

### **Crafty Companion - DIY Project Management Application** | Java Swing

[github.com/TaylorMerwin/crafty-companion](https://github.com/TaylorMerwin/crafty-companion)

- Designed, prototyped, and tested a multipage Java application using Agile methodology.
- Utilized MVC architecture to ensure separation of concerns and enable concurrent development.

## TECHNICAL SKILLS

**Languages:** Java, Kotlin, TypeScript, SQL, HTML, CSS

**Frameworks:** Node, Express, EJS, Drupal, Tailwind

**Developer Tools:** Visual Studio Code, IntelliJ, Google Cloud Platform, Android Studio, Git, Docker