

# Hayden Tinker

[Haydentinker613@gmail.com](mailto:Haydentinker613@gmail.com) | [Haydentinker.com](https://www.linkedin.com/in/hayden-tinker/)

<https://github.com/haydentinker> | <https://www.linkedin.com/in/hayden-tinker/>

## Skills

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- Python | JavaScript | Flask | HTML | CSS | React | NoSQL | SQL | Express | NodeJS |
- Docker | GitHub | RESTful APIs | VS Code | Database Management | Back-end |
- Full-Stack | Front-end | Code Optimization | Leader | Communication | Collaboration |

## Experience

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**Software Developer** | Walla Walla University | College Place, Washington

September 2022 – June 2023

- Designed and developed the Back-end of a web-based application using Dart Shelf for Walla Walla University School of Nursing.
- Streamlined development with implementation of automated testing suite.
- Collaborated with peers and technical mentors in weekly code reviews.
- Organized and overhauled documentation.

## Education

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**Walla Walla University**

- Bachelor of Science in Computer Science and Business Administration

### Courses

- Sequential and Parallel Data Structures and Algorithms
- Software Engineering
- Web Application Development
- Design and Analysis of Algorithms

## Projects

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### **Book Rating Website:**

- Developed a full-stack website for book browsing and rating using MongoDB, Express, React, and Node.js.
- Implemented JWT authentication and authorization for enhanced security and user access control.

### **Portfolio Website:**

- Developed a website utilizing React, Material UI, and React Three Fiber.
- Utilized Docker for consistent development and production environments.
- Automated testing suite with GitHub Actions.

### **WWU Wash & Dry:**

- Collaborated with a team to develop the backend of a web application that allows users to view the availability of dorm laundry machines at Walla Walla University.
- Utilized Flask for backend design and implementation ensuring efficient data handling.