

# Cody Ross

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**GitHub:** [github.com/co-decode](https://github.com/co-decode)  
**Website:** [cody-ross.net](https://cody-ross.net)

## Education

**Master of IT: Computing Science - University of Southern Queensland** **Expected 2024**  
*9 units on Software Development, 7 units on Network Engineering*

**Bachelor of Biomedicine - The University of Melbourne** **2017**  
*Including: Linear Algebra, Statistics, Physics, Chemistry*

## Skills

**Front-End** - JavaScript | TypeScript | ReactJS | CSS | SCSS  
**Back-End** - Node.js | Express | Next.js | SQL: PostgreSQL | Python  
**Tools** - TDD: Pytest, Jest, Cypress | Git | Docker

## Open Source Work

**Spinal Cord Toolbox** [Commits](#) - [Code](#) - [Site](#) Pytest | Docker | Python  
*Command-line tools dedicated to the processing and analysis of spinal cord MRI data*

- Performed Docker compatibility testing across MacOS, Windows and multiple Linux distributions
- Improved website and command-line documentation, refactored code and updated unit tests.

**Bugheist.com** [Commits](#) - [Issues](#) - [Code](#) - [Site](#) Tailwind | Python | Django  
*The OWASP Foundation's Bug Logging Tool, encouraging everyone to help fix and secure the internet*

- Built UI components to design specifications and accessibility standards, with appropriate tests.
- Diagnosed and fixed UI bugs, supporting website deployment to production.

## Projects

**LiftLog** [Code](#) - [Video](#) - [Site](#) TypeScript | React | PostgreSQL | Next.js | D3  
*Build, perform, track and visualise Weightlifting Programs*

- Multi-Page Application deployed in a serverless environment.

**MyLift Fitness Store** [Code](#) - [Video](#) - [Site](#) React | Node.js | Bootstrap | GraphQL  
*An eCommerce demonstration*

- Fully responsive Single Page Application.

**End-to-End Testing Demonstration** [Code](#) - [Video](#) React | Cypress | Socket.io  
*Multiplayer Web Game demonstrating a fully tested CI/CD pipeline*

**Freelance Website** [Site: cody-ross.com](#) CSS | HTML | Wordpress | Shopify  
*Advertising my Freelance Web Development services*

## Work Experience

<b>Freelance Web Developer</b>	<i>Building custom websites in Wordpress and Shopify</i>	<b>2023</b>
<b>Early Learning Specialist</b>	<i>Remediating Dyslexia and other learning difficulties</i>	<b>2018 - 2022</b>
<b>Tutor - Secondary and Tertiary</b>	<i>Mathematics, Technology, English and the Sciences</i>	<b>2014 - 2022</b>

**Hobbies** *I enjoy dabbling in:*

Linux, Programming Languages: C, Rust, Assembly; and hosting my website and email servers.

## Achievements

**GAMSAT Medical Admissions Test** Top 0.8%