

# Luca Dye

A passionate web developer who makes use of modern technologies to build performant websites that look great, feel fantastic, and function efficiently.

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## EXPERIENCE

### Dyecasting llc, In-Person — *Internship*

JANUARY 2022 - PRESENT

I worked with WordPress to create content, pages and posts for various local organizations.

## EDUCATION

### Python for Everyone, Remote — *Audited*

OCTOBER 2022 - DECEMBER 2022

Taking Py4E taught me the basics of computer programming, as well as the basics of Python and SQL.

### CS50x, Remote — *Audited*

DECEMBER 2022 - FEBRUARY 2023

Auditing CS50x deepened my understanding of how computers work on a lower level, as well as the basics of HTML, CSS, JavaScript, and C, and also expanded my knowledge of Python and SQL.

### Codecademy, Remote — *Certificates of Completion*

FEBRUARY 2023 - PRESENT

During this time, I completed multiple courses, including their courses on Full-Stack Development, TypeScript, C#, ASP.NET, MongoDB, Rust, PHP, and Python 3, Flask, Java, Kotlin, Linux, Bash Scripting, Flutter and Dart.

## PROJECTS

### Jamming — *A playlist creator*

A minimalist playlist editor with Spotify integration, built using React, JSX, Redux, Node.js, Express.js, Responsive CSS and Semantic HTML.

### Micro-Reddit — *A Reddit client*

A minimalist reddit viewing client, built using React, JSX, Redux, Node.js, Express.js, Responsive CSS and Semantic HTML.

### CraftShoppe — *An e-commerce site*

An e-commerce website with Stripe integration, built using React, JSX, Redux, Node.js, Express.js, Responsive CSS, Semantic HTML, PostgreSQL.

## SKILLS

### Languages, Libraries & Frameworks

JavaScript  
Typescript  
Node.js & Express.js  
React + JSX  
Redux  
C#  
ASP.NET & Razor Pages  
Rust  
WebAssembly  
Python 3  
Flask & Jinja2  
PHP  
Java  
Kotlin  
MongoDB  
PostgreSQL & SQLite  
Dart  
Flutter

### Web Development

HTML5 & CSS3  
Semantic HTML  
ARIA Roles & Labels  
Responsive Design  
Progressive Web Apps

### Web Security

Cryptography  
Data Encryption  
OWASP Top Ten

### Tools

Git & Github  
Bash & PowerShell  
Visual Studio  
VS Code

### Platforms

Github Pages  
Cloudflare  
Render  
Netlify  
Stripe

### Software Development

### Methodologies

DevOps  
Test-Driven Development  
Modular Programming