

Joseph Coppin

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Software Engineer and 3rd-year Computer Science undergraduate at University of Warwick with multiple SWE internships (Stripe, AVEVA) and strong full-stack and systems engineering experience.

SKILLS

Web Development (TypeScript, Svelte, React.js, HTML, CSS, JS) • **Systems Engineering** (Rust, C++, C, x86 Assembly)

DBMS (MySQL, PostgreSQL) • **Cloud** (AWS, Vercel, Supabase)

EXPERIENCE



Stripe

Software Engineer **Intern**

Jun – Sep 2025

Ruby (Sorbet), Java, Online Payments, Data Processing

Enabled customer analytics for Nordic payments by integrating MobilePay and Vipps with the Stripe Sigma, in this 12-week summer internship.



Everywhen

Personal Project

Aug 2021 – Current

SvelteKit, TypeScript, MySQL, Supabase, Tailwind, Playwright, Stripe, Brevo (40,000+ lines of code)

Built Everywhen, an end-to-end encrypted journaling website and PWA, with location-based analytics and powerful integrations. Implemented a custom encrypted batch processing queue and blind indexes, to enable E2EE. 100+ users, 4000+ entries.



Oxynium

Personal Project

Dec 2022 – Dec 2025

Rust, x86-64 Assembly (20,000+ lines of code)

Designed and implemented the [open-source](#) compiler for my statically typed programming language [Oxynium](#) in Rust, which aims to enable high level abstractions without sacrificing runtime performance. Key features: strong type system with generics, first-class & lambda functions, macros, classes with operator overloading.



AVEVA

Software Engineer **Intern**

Jul – Sept 2024

C#, TypeScript, React.js, Storybook, Windows, Visual Studio, Microsoft Azure

Modernized legacy code to improve UI responsiveness and reduce technical debt, by rewriting the front end of a customer-facing web app (DataLayer) from Razor to React, in this 10-week summer internship in Cambridge.



Jumptech

Software Engineer **Intern**

Aug 2022, Aug – Sept 2023

TypeScript, GraphQL, AWS Lambda, AWS CloudWatch, Storybook, AWS DynamoDB, Jest, Angular, Jira, Jenkins

Enhanced backend stability by resolving bugs in AWS Lambda/DynamoDB and increased code coverage by writing automated Jest tests. After work experience in 2022, I returned to this Silicon Fen startup for a 6-week internship in 2023.



Que Me Citen

Freelance Web Developer

Aug 2023

HTML, JS, CSS, UnoCSS, Gmail, Google Domains

Created the portfolio website for the Spanish translation service QueMeCiten.com.



World Cube Association

Volunteer Software Engineer

Aug 2022 – Jan 2023

JavaScript, React, Ruby on Rails

Migrated legacy Ruby on Rails codebase to React, reducing tech-debt and improving UX, while volunteering on the [open-source](#) WCA website.

EDUCATION

- Predicted 1st, currently at 2:1 for undergraduate degree at University of Warwick (UoW);
- 3rd year modules include: Advanced Databases, Neural Computing, Machine Learning, Compiler Design;
- Social secretary of UoW Badminton Club '24-25 - organised weekly social events, and ball for 50+ club members;
- Team player for UoW Table Tennis Club '24-25, member of UoW Climbing Club Competition Team '25-26;
- A Levels: Achieved A* A* A* A in Computer Science, Physics, Maths and Further Maths respectively;
- A Level coursework: [open-source](#) house point management web app, used by 41 students and 3 teachers.

FIND OUT MORE

josephcoppin.com • github.com/revers3ntropy • in/joseph-coppin