

CAMERON EDEK POOLE

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Summary

- Front-end web developer and philosophy graduate with an affinity for problem solving
- Quick and adaptable learner for all things technology related; self-motivated with an ability to work independently and as part of a team
- Graduated from Trilogy Education's Front-End Web Development Program with top marks and completed an internship focusing on data visualisation for scientific applications
- Check out my portfolio here: <https://www.cedekpoole.com>

Technical Skills

Languages & Frameworks: Proficient in HTML5, CSS3, JavaScript (ES6+), React.js, and node.js.

UI/UX Design: Skilled in responsive design principles, Figma, user experience (UX) and user interface (UI) design, utilising CSS frameworks like TailwindCSS and Bootstrap.

Development Tools & Practices: Experienced with version control (git, GitHub), package management (npm), RESTful API integration, and Test-Driven Development with Jest.

Soft Skills: Creative thinker and problem solver, continual learner, time-management, teamwork, communication and organisation.

Experience

Front End Software Development Intern | Goodwright Ltd.

Focused on developing interactive data visualisations for scientific research, using modern web technologies to enable insightful analysis of biological data.

- **Period:** Sept-Dec 2023 (Remote)

Key Contributions:

- **PCA Visualisation Tool:** Engineered a tool for scientists to analyse sequencing data quality through interactive 2D/3D PCA plots, highlighting sample similarities and variances. Included a Scree plot for variance analysis. Utilised React.js and Highcharts for development.
- **Volcano Plot Application:** Developed an application to visualise differential gene expression in RNA sequencing data, allowing dynamic thresholds adjustments for the log2FoldChange and p-value. Implemented using React.js and Highcharts, facilitating interactive data exploration.

Skills Developed:

- **Technical Proficiency in Web Technology:** Leveraged ES6+ syntax and React best practices to build clean, efficient and maintainable code; utilised TailwindCSS for the design process, applying responsive design principles across projects; employed Highcharts for crafting

interactive plots and successfully packaged each custom data visualisation component for npm.

- **Problem-Solving:** Refined problem-solving skills by developing solutions to complex data visualisation challenges, enhancing the utility and accessibility of scientific data.
- **Collaboration and Communication:** Strengthened skills by working closely with bioinformaticians and developers, ensuring project requirements were met and exceeded.

Store Colleague | Holland and Barrett, Twickenham

- **Period:** Aug 2023 - Present
- **Role:** Qualified to advise on supplementation, health and wellbeing; enhanced customer satisfaction in a fast-paced retail environment; contributed to store operations, inventory management and product placement.

Internet Bidding Operative | Crows Auction Gallery, Dorking

- **Period:** 2020-2022 (Freelance)
- **Role:** Bid on behalf of customers on the EasyLive internet bidding platform and assisted with telephone bids as and when required.

Personal Projects

Weekly Programming Blog

A dynamic blog platform to document development journey and discuss future projects.

Implemented server-side rendering and static site generation for optimal performance and SEO.

- **Technologies & Tools:** React.js, Typescript, Sanity.io, Next.js, TailwindCSS, Vercel
- **Repository:** [Github](#) | **Live:** [Vercel Deployment](#)

Productivity App

A collaborative project; developed a functional pomodoro timer, a live time widget, and integrated StackOverflow search functionality for developers and students.

- **Technologies & Tools:** React.js, Bootstrap, axios and Netlify
- **Repository:** [Github](#) | **Live:** [Netlify Deployment](#)

Music Dashboard

A collaborative venture; created a user-friendly interface for searching song lyrics, managing favourite tracks, and ensuring responsive design across devices.

- **Technologies & Tools:** jQuery, AJAX, Javascript, HTML, CSS and Bootstrap
- **Repository:** [GitHub](#) | **Live:** [GitHub Deployment](#)

Education

Front-End Web Development Certificate | Trilogy Education Services

Completed an intensive 16-week program with a score of 100%, mastering a broad range of front-end technologies and practices.

- **Period:** Nov 2022 - Mar 2023

Bachelor's Degree in Philosophy (First Class Honours) | Newcastle University

Cultivated critical thinking and analytical skills, forming a solid foundation for problem-solving in technology projects.

- **Period:** 2017-2021