




RIONA MCCUMSKAY

Junior Software Developer

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Personal profile

Northcoders software development bootcamp graduate, with past experience as a freelance assistant producer with 7 years experience producing programming for television. Making the career change to software development as it is an area I've always been interested in since I coded my first maze game in high school. I'm passionate about the environment and making the world a better place through code.

Technical skills

Languages: JavaScript, using Node.js and browsers as environment

Testing: TDD (Test Driven Development), Jest, Supertest

Back-end: SQL, PSQL, seeding, migrations

Front-end: HTML, CSS, React, React-Native, Expo, MapBox, Lighthouse and other accessibility tools

Cloud: Cloudflare, Netlify, AWS

Other: Paired programming, technical communication, SDL, Agile and SCRUM methodologies

Projects

hisTOURy

Technologies: React Native, MapBox, Expo, Supabase (PostGIS extension)

HisTOURy is an app where users can build their own guided tour, exploring historical locations in their local area. This was a group project built using agile methodologies, in which I contributed the original idea plus the map and planner pages.

Link to demo video — <https://github.com/Rionagrace/NC-final-project>

NC News

Technologies: React, Bootstrap, PostgreSQL, JavaScript (TDD)

Full stack project replicating the functionality of a news website, including viewing/sorting articles, log in authentication plus posting articles and comments.

<https://github.com/Rionagrace/NC-News-Frontend/>

Pokemon Finder

Technologies: React, JavaScript, HTML, CSS, PokeAPI

Pokemon Finder is a webpage that allows users to search for their favourite pokemon, as well as view all Pokemon from each generation within the universe.

<https://github.com/Rionagrace/pokemon-finder>

Experience

TRAINEE SOFTWARE DEVELOPER

Northcoders Bootcamp | September 2024 – November 2024

- Completed an intensive full-time software development course focused on JavaScript, front-end, and back-end development.
- Collaborated using Agile methodologies, emphasising paired programming and technical communication.
- Developed strong TDD practices for writing robust and maintainable code.

FREELANCE ASSISTANT PRODUCER

Various Projects | April 2022 – August 2024

- Produced and managed programming for high-profile shows like The Apprentice and Casualty 24/7.
- Pitched innovative ideas, planned shoots, and solved on-set challenges creatively.
- Communicated effectively with diverse teams, enhancing production workflows.

FREELANCE PRODUCER

All Star Shore | January 2023

- Leading a team of 10 to produce solo content for a reality television show.
- Producing solo content, conceptualising shoots and producing on shoot days.

FREELANCE RESEARCHER

Various Projects | July 2018 – April 2022

- Supported editorial teams in planning and executing content for shows like The Circle and Chateau DIY.
- Developed organisational and problem-solving skills in high-pressure production environments.
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Education

BA TV AND RADIO PRODUCTION

University of Salford - 1st class degree.

Degree focussing on the practical and technical skills in television/radio production. Specialising in developing and pitching ideas, writing treatments and creative writing.

Hobbies and interests

- Regular at Manc.js (javascript coding group) and Women In Tech
- I love going on hikes in the Peak District and finding the best wild swimming spots (soft spot for a waterfall)
- Collecting vinyl of movie soundtracks (80s films are the best)