Jamie Parr

12-month software or web development placement | Summer 2027

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Second-year Computing Technologies student at Ulster University. I develop and maintain a radio station website and a Python request app used during live shows. My work includes agreeing requirements with the presenter, testing changes and managing deployment.

RELEVANT EXPERIENCE

Website Developer and Maintainer

May 2026 to present

Coast Internet Radio, Newry | Unpaid role

- Develop and maintain the station's HTML, CSS and JavaScript website, working directly with its presenter on requirements, layout and straightforward listening controls.
- Configured Cloudflare Workers to serve the station's HTTP audio stream and track information over HTTPS so they work on the secure website.
- Added a content editor with preview, publish and undo, allowing the presenter to update words, photos and show times without editing code.
- Built and deployed a Flask request board with SQLAlchemy and SQLite. Signed Netlify webhooks send requests into one list, so the presenter can mark songs played instead of searching email during shows.
- Test changes, manage hosting and deploy updates. Automated checks cover webhook validation, sign-in and request handling, with tests running through GitHub Actions.

coastinternetradio.com | Website code | Request app code

EDUCATION

BSc (Hons) Computing Technologies

2025 to 2029 expected

Ulster University, Belfast | Placement year 2027/28

- Current study: Java programming; Python, Flask and SQLAlchemy; software project management in a five-person Agile team.
- First-year foundations in web development, databases and physical computing. Completed a year of Interactive Computing before transferring.

Level 3 Extended Diploma in Technology

2022 to 2024

Southern Regional College, Newry | D*DD

IT Specialist: HTML and CSS, Certiport, May 2023.

GCSEs including English and Mathematics, St Mark's High School, 2022.

TECHNICAL SKILLS

Web and applications: HTML, CSS, JavaScript, Python, Flask, SQLAlchemy and SQLite.

Coursework: C# and Windows Forms; Java classes, constructors, encapsulation and inheritance; SQL and relational databases.

Development tools: Git, GitHub, GitHub Actions, pytest, Netlify and Cloudflare Workers.

SELECTED PROJECTS

EOS delivery quotation system

SRC coursework project | C# and Windows Forms

- Delivery quotation application covering customer and package details, input validation, delivery charges, discounts and itemised invoices.
- The current version includes invoice export and print preview. A Windows download, source code and usage instructions are available on GitHub.

Armagh weather analysis

SRC coursework project | Excel | Big Data and Business Analytics

- Analysed 2,028 monthly weather records spanning 1853 to 2021, using an Excel workbook to compare temperature, rainfall, sunshine and frost through charts.
- The project repository includes the original workbook, downloadable data and a browser report. The accompanying Python analysis distinguishes missing observations from genuine zero readings.

Car dealership website

University group coursework | HTML, CSS, JavaScript and jQuery

- Created the Finance and About Us pages for a group website in Client Side Development. Worked within the shared navigation, stylesheet and scripts to keep the pages consistent.
- Implemented a finance estimate using vehicle price, deposit and repayment term, with input validation and dynamic results. Tested valid and invalid inputs; the estimate excludes interest and fees.

ADDITIONAL EMPLOYMENT

Temporary Production Operative

Summer 2026

Saica Pack UK, Warrenpoint

- Ran and monitored automated packaging machinery, checked output quality and dealt with routine faults and stoppages safely. Escalated problems that needed further attention.

Warehouse Operative

Oct 2021 to Jul 2026

Pet Connection, Newry

- Prepared customer and Amazon orders for dispatch, checked items and kept stock organised. Worked alongside my studies, managing regular shifts and coursework deadlines.

Kitchen Porter

Aug 2024 to Jul 2026

The Garden Room, Warrenpoint

- Supported the kitchen team through busy services, keeping equipment available and work areas clean and hygienic while responding to changing priorities.

ADDITIONAL INFORMATION

Full UK driving licence. Open to relocating within the UK for a placement.