

Aaron Jefferson

Aspiring Software Engineer

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Professional Profile

A driven and analytical second-year Computer Science student with a strong foundation in Java (for core applications and Android) and modern front-end development (Web and Flutter). Eager to secure an industrial placement to apply academic knowledge to real-world challenges, particularly in building scalable and reliable software solutions. A proven team collaborator (led GUI development on a Grade-A Java project) and a passionate self-starter, with a keen interest in UI/UX and full-stack development.

Education

2024 – **BSc (Hons) Computer Science with Industrial Placement**, *University of Dundee*,
Present Dundee, Scotland

Relevant Modules: Object-Oriented Programming (Java), Data Structures and Algorithms, Software Engineering, Database Systems, Web Development, C/C++ Programming.

2018 – 2024 **Mearns Academy**, *Laurencekirk, Scotland*

Highers: Computing (A), Maths (A), Modern Studies (A), English (B), History (B)

National 5s: 6 A-grades including Computing, Maths, English, French, Modern Studies, and Chemistry.

Key Technical Skills

Core Languages Java, Python, C, C++, Dart

Web & Front-End HTML, CSS, JavaScript, Tailwind CSS, Bootstrap, Flutter

Other Technologies Android Development (Java), Git, C# (WinForms, WinUI), UI/UX Design

Relevant Projects

Mar 2025 **Yapp - Social Media App**, *University Group Project (Java)*

- Collaborated in a team to build a Java-based social media application for a first-year module.
- Personally responsible for designing and implementing the full Java GUI.
- The project, which utilised binary tree data structures, achieved a Band 1 A-grade.

Dec 2024 **Scribble - Command-Line Word Game**, *University Solo Project (Java)*

- Designed and developed a complex, command-prompt-based word game in Java, similar to Scrabble.
- Independently managed the project, implementing all game logic, board representation, tile distribution, and scoring algorithms from scratch.
- Demonstrated a strong understanding of core Java and object-oriented principles.

2017 – **HiEnterprises Brand & Web Project**, *Personal Project*

- Present
- Designed and built a full brand identity and website for a personal product design project.
 - The current site is built with modern front-end technologies: HTML, CSS, JavaScript, and Tailwind CSS.

2021 – **HiOSMobile & Harmony Apps**, *Personal Full-Stack Project*

- Present
- Built 'HiOSMobile' (2021), a native Android navigation app in **Java** that served as a WebView interface for a series of HTML, CSS, JS, and Bootstrap web pages.
 - Evolved this project into 'Harmony' (2025), a modern, cross-platform application rewritten from scratch using Dart and Flutter for Android, Web, macOS, and Windows.

Work Experience

Oct 2021 – **Website Editor (Part-Time)**, *Ivyhill Digital*, Northern Ireland (Remote)
Present

- Build, update, and maintain content for multiple client websites using the Wix website builder.
- Communicate effectively with the team lead to understand and implement client requirements.
- Manage time effectively, balancing remote work responsibilities with university studies.

May 2022 – **Hospitality Team Member**, *Various Venues (The Anchor Hotel, St. Cyrus Village Inn, August 2025 etc.)*, St. Cyrus & Johnshaven

- Developed strong communication, teamwork, and customer service skills in fast-paced bar and restaurant environments.
- Demonstrated attention to detail in order processing, cash handling, and maintaining high standards of service.

Transferable Skills

Teamwork & Leadership	Led a successful team as Managing Director for the Young Enterprise programme, overseeing finance, marketing, and production.
Problem-Solving	Strong analytical skills developed through complex programming projects (e.g., 'Scribble') and resolving customer issues in hospitality roles.
Communication	Confident in communicating technical concepts (from projects) and in customer-facing roles (from hospitality).
Work Ethic	Self-motivated, determined, and organised, with a proven ability to manage demanding academic workloads alongside part-time employment.

Interests

Computer programming, UI/UX development, product design, marketing, nature photography, politics and current affairs, history, and vinyl collecting.

References

References available upon request.