

# Damita Mkelemi

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## Profile

Second-year Computer Science (User Experience and Design) student with a strong passion for creating intuitive and user-friendly digital experiences. Skilled in front-end development using HTML, CSS, and Java, with experience in prototyping and design tools. Proficient in development and collaboration tools including BlueJ, GitHub and Visual Studio Code. Developed strong communication, teamwork, and leadership abilities through academic projects, group work, and practical experience. Committed to combining technical expertise with user-centred design principles to deliver accessible and engaging digital solutions.

## Key Skills

- **Programming Languages:** Java, Visual Basic, C, HTML, CSS, SQL
- **Frameworks and tools:** Bootstrap, Visual Studio Code, Git, BlueJ
- **Concepts and methodologies:** Object-oriented programming, Iterative/Agile development, Computer architecture/engineering

## Education

**BSc (Hons) Computer Science (User Experience and Design) with Industrial Placement | University of Dundee, Dundee**

**September 2024 - June 2029 (Expected)**

**Key modules:** Introduction to Software Development, Front End Website Development, Multi Paradigm Programming, Modern Web Stack Development

### Course Projects:

**Website Building Project:** Designed and implemented a fictional small business website using HTML and Bootstrap, showcasing proficiency in responsive design and front-end development. The project features a clear structure, reusable components, and mobile-friendly layouts, and is hosted on GitHub.

**Embedded Systems Group Project:** Designed and developed an escape room simulation using a Raspberry Pico to demonstrate understanding of core embedded systems concepts. Collaborated effectively within a team, applying/strengthening strong problem-solving, time management, and teamwork skills throughout the project.

**St Aloysius' College | Glasgow**

**August 2018 – June 2024**

**Advanced Highers:** Computing Science, Biology

**Highers:** Computing Science, Maths, English, Chemistry, Human Biology, Spanish

**Relevant & Work Experience:**

**Shadowing Experience – IT Department, ENABLE Scotland | October 2024**

Observed IT operations within a large charity. Assisted with device setup, software installation, and user account configuration. Gained insight into how IT supports communication, efficiency, and accessibility across departments.

**Women In STEM Event at Barclays Bank, Glasgow | May 2023**

Participated in workshops promoting women in technology. Developed teamwork, problem-solving, and technical skills through collaborative challenges.

**Part-Time Hospitality Staff, Selective Personnel | 04/2024 – Present**

Deliver high-quality service at events and venues. Adapt quickly to new teams and environments, ensuring smooth operations through strong teamwork, time management, and attention to detail.

**Additional Information**

- Active member of the Dundee University Computing Society (DUCS), contributing to meetings and events that support collaboration and professional development in computing.
- Attended multiple seminars focused on supporting and empowering Black women in STEM, gaining insight into career development, diversity, and inclusion within the technology sector.

- Interests include socialising and building connections, volunteering within the community, and engaging digital media and design.

**References:** available upon request.