James Dunbar

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Second year BSc Computing Science student at the University of Dundee. Experienced with a range of programming languages and utilities such as C++, Python, Java, Bootstrap, and Git. Currently seeking a Graduate Engineering position in which I can contribute to the development and maintenance of financial technologies.

Key Skills

Programming Languages: Python, Java, C++
Frameworks: SDL3, Win32 API, Bootstrap
Strong team skills developed through being part of a motorsport team and working
    alongside other people under pressure with tight time constraints.

Education

University of Dundee

(2024 - present)
(Second Year of Four)
Key Modules:

Embedded Systems Development and Networking
Unix Systems
Operating Systems
Multi-paradigm Programming

Biggar High School

(2018 - 2024)
Adv. Highers:

Physics - B
Mathematics - B
Mathematics of Mechanics - B

Highers:

Music - A
Physics - A
Mathematics - A
Chemistry - A
Computer Science - A
Graphic Communications - B

7 National 5s, Grade A on all, including Mathematics and English.

Work Experience

WATIF Community Shop (*Volunteering*)

(Summer 2021)

Duties included:

Ensuring physical stock in the shop matched up with the stock in the digital stock system.
Setting up and then running a digital payment system (Square).
Serving customers at the till and coffee machine.
Ensuring that the shop was clean, presentable, and otherwise in good condition.

Biggar Youth Project *(Volunteering)*
(Summer 2025)

Duties included:
      Serving customers at the till.
      Cleaning up after the lunch rush, ensuring the building was clean for later activities.
      Reworking the digital till to streamline food and drink orders.
      Being friendly to customers, and getting involved with certain activities with them.

Interests

Part of LMMotorsport Karting team, interested in most forms of four-wheeled motorsport, especially the mechanical aspect of it. Also interested in understanding as much as is reasonably possible about how modern processors work and how to extract as much as possible out of them.

References

References are available on request.