

Harvey Vance

Software Engineer

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Summary

As a dedicated Computer Science student with a deep passion for computers and technology, I am eager to apply my skills and knowledge in a collaborative IT environment. I'm enthusiastic about contributing to innovative projects and growing alongside forward-thinking tech teams. My top skills in Linux, Networking, programming, UI, and software design have been enhanced through personal projects driven by my interest in software engineering. Beyond tech, I'm a car hobbyist, which, like my passion for sport climbing, helps me stay focused, disciplined, and ready for challenges both professionally and personally.

Education

Ulster University – Bachelor's (Hons) Computer Science

SEP 2023 – JUNE 2027

1st year Modules – Systems analysis & design **62%** – Mathematics in Computing **79%** – Databases & SQL **79%** – Computer hardware & OS **81%** – Software Development I **71%** – Software development II **89%**

Total for first year. **76%**

2nd year Modules – UI/UX **57%** – OOP **94%** – Android Development **72%** – Cloud Computing – Algorithms & data structures – Computer Networks & security – Professional Development

Total for second year. **Pending**

Secondary Education – Edexcel A-Level & BTEC Level 3

AUG 2021 – JULY 2023

National Diploma in Information technology – **Dist.** – SQL & MS Access – Usage of Adobe Dream weaver for web dev – Familiarisation of Linux, Mac OS & windows software/firmware

National Diploma in Engineering – **Merit** – HSE Policies (PPE, RIDDOR, Health & Safety Work act) – Workshop machine use – Electronic, aerospace, biomedical, metallurgy, mechanical Engineering studies

CCEA GCE A-Level in Mathematics – **Pass** – Pure, Statistics, Mechanics

Secondary Education – GCSE & BTEC Level 2

AUG 2017 – JULY 2021

- ❖ 9 (**A*-C** Grade or equivalent.)
- ❖ Occupational studies in Digital Music & Sound Innovation – **Merit**

Work experience:

DPD Ireland, Moneyreagh – *Depot operations associate*

SINCE MAY 2024

Keeping & updating records of delivery vans and taking out basic maintenance – Training warehouse operators using appropriate HSE regulations – Performing basic warehouse operation tasks (sorting, fork lifting, unloading) – Logging all freight, HGVs and special parcels that come in and out of the warehouse.

Castlereagh hills golf club – *Kitchen porter*

SINCE FEB 2024

Keeping the environment safe and sanitary for the FSA – Fast-paced teamwork under stressful situations in this environment– Stocking and organisation of cooked foods and food stock control – Managing and labelling food's shelf life & contents.

Hermes GmbH, Newtownards – *FT delivery driver*

AUG 2023 – SEP 2023

Making sure customer's parcels were delivered swiftly & safely. – Put under stressful situations with precise time windows – Time management was a key to work effectively in this job

JAN 2021 – MAY 2024

Unloading freight and sorting parcels for delivery – Required a good memory of all postcodes & addresses of North Down

Personal projects

- ❖ Car diagnostics tool for Linux & Windows (Py.)
- ❖ Various Java plugins for game servers
- ❖ [Portfolio website](#) (HTML, CSS, JS)
- ❖ System Information tool for Linux in bash
- ❖ Fully self hosted services using Docker, Cloudflare and KVM technologies

Computing skills

- ❖ Linux & UNIX Systems
- ❖ UI / UX Development
- ❖ Android Development
- ❖ SQL & Database Development
- ❖ Cloud Computing
- ❖ Systems analysis
- ❖ Networking

Programming languages

- ❖ Java – Intermediate
- ❖ HTML/CSS – Intermediate
- ❖ C# – Intermediate
- ❖ Python – Proficient
- ❖ Go – Proficient
- ❖ Assembly (MIPS) – Basic
- ❖ XML – Basic
- ❖ Bash – Basic

IDE's & Tools

- ❖ IntelliJ-Idea, Go-Land, C Lion
- ❖ Visual Studio & VS Code
- ❖ Android Studio
- ❖ Vim / Vi
- ❖ AutoCAD
- ❖ Office 365 Suite & G-Suite
- ❖ Git source control
- ❖ Unified Modeling Language

Achievements

- 1st & 2nd year Dean's list awards at UU
- Queen's Junior Academy award for completion
- Contributing towards the creation of the IT club for Ashfield Boys'. Designing practical work and helping pupils.
- School fundraising for charities, football events, school trips and the school 'tuck shop'.
- Contributing towards Ashfield Boys' yearly open nights, preparing practical activities, providing extensive tour guides for parents and children.

Skills gained from education and employment

I excel as both a team member and leader, with experience gained through education and my past jobs.

My independent work on home projects has honed my ability to deliver results at any pace.

Due to work in stressful environments as a delivery driver, my time management skills and flexibility towards deadlines are refined.

References

Chris Lowe, BTEC IT Teacher – *Ashfield Boys' HS*

clowe406@c2kni.net – 028 9065 6812

Oliver McStravick, Depot Manager – *DPD Ireland*

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Mairin Nicell, Careers Advisor – *Senior Lecturer*

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