Nathan Mc Garvey

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Personal Profile:

I am an ambitious and dedicated software developer, committed to setting and surpassing the highest of standards in every project I undertake. My journey in software development has been characterized by continuous growth and learning. Rigorous study and practical application throughout year one has allowed me to grow and cultivate a strong foundation in Object Oriented Programming. My collaborating approach demonstrates my ability to work effectively within teams and deliver creative, innovative solutions. Drawing on my creative background, I bring fresh perspective which allows me to think outside the box, making me an ideal fit for the software development industry.

Education & Qualifications:

2022 – 2026:   *BSc (Hons) Computer Science*   *Ulster University, Magee Campus.*

Year 1 Modules:	Year 2 Modules:
Mathematics for Computing	UX – (64%)
Software Development l	Object-Oriented Programming – (71%)
Software Development 2	Mobile App Development – (76%)
Database Systems	Cloud Computing – (Pending)
Computer Hardware & Op Systems	Computer Networks & Security – (Pending)
System Analysis & Design	Algorithms & Data Structures – (Pending)
Year 1 average (56%)	

2021 – 2022:   *Combined Studies*   *Northwest Regional College, (NWRC).*
English Literature (B), Psychology (B), Sociology (C) & Biology (C)

2011 – 2014:   *Fine Art*   Higher National Diploma – (M)   *NWRC.*

2009 – 2011:   *Fine Art*   *Foundation Diploma – (P) / Higher National Diploma – (DDM)   NWRC.*

2004 – 2009:   *St. Joseph's Boys School Derry - GCSEs*
Math (C), English (C), Technology & Design (C), Religion (C), ICT (C), Science (C), Art (B), Geography (D).

Work Experience:

April 2023 – Sept. 2023: Sales Assistant - Aldi / 2013 – 2018: Sales Assistant (FT) - Lidl.

- Maintaining shop, stock replenishing & handling cash. Customer Satisfactory Experience.

- Being able to work as part of a team, dealing with the public and communicating clearly and concise.

Sept. 2018 to Sept. 2021:   *Optical Assistant (FT)*   *Specsavers.*

- Performing patient's service to the highest quality.

- Following NHS guidelines. PPE Health and safety. Good clear advice and making a positive impression. Trained as a lab technician also.

- Assisting the lead optometrist to satisfy patients' needs within practice guidelines.

Skills Profile:

Computing: I have gained a solid understanding of algorithm development using Java, C# and Python. Knowledge of computer systems and their technical competency. Proficient in utilizing development environments including IntelliJ, Visual Studio and VSCode. Evaluation of software and systems that make computers and hardware function. I also possess skills in code management using Git/GitHub debugging techniques. Throughout year 1 and year 2 my thoroughness and attention to detail has allowed me to be meticulous and organised in my approach.

Problem Solving: Critical thinking is consistently developed in year 1 & 2 by improving upon my analytical skills as well as my problem-solving skills this has promoted me to find a solution focused approach, by instigating, demonstrating, and sustaining these approaches to apply to work related problems. This in turn has allowed me to have the ability to quickly identify issues of cause, analyzation of workflow and areas needed improvement on.

Teamwork: Many projects in year 1 & 2 have revolved around group work, it has broadened my learning opportunities by honing my communication skills, problem solving and leadership skills. Establishing expectations is key to effective teamwork. By formulating the projects objectives, deadlines and what the team needs to succeed this approach was consistently implemented throughout my modules to give every group member a full understanding of responsibilities and their roles. Built on effective communication allowing the team to work on common goals was vital for ensuring group deadlines.

Creativity: Creativity is a key aspect of my skillset, allowing me to explore new ideas abstractly and take risks to drive innovation. Leveraging over a decade of experience in the art industry, I have honed my ability to think outside the box and engage in non-linear thinking. Visualization of problems and development of unique solutions is something that has actively been at the forefront of my modules in year 1 & 2, it has allowed me to approach problems and develop unique solutions that may not be so apparent to others.

Communication: Clear and effective communication has been developed through academic pursuits and professional experiences. Communication, written, verbal and listening skills demonstrate that I possess the ability to work within a team and along with others. Articulating my thoughts has allowed me to engage in conversations academically and professionally, relationships have flourished and in turn connected me with classmates to help advance further into my career.

Hobbies, Interests & Achievements:

I have been involved with the Rainbow rehoming animal center in Derry for approximately the last ten years. I help by way of fund raising, cleaning kennel pens and walking the dogs. I ensure that all tasks allocated to me are completed on time and to a high standard. As part of the rehoming centres initiatives for fund raising, I was instrumental in setting up "Pooches in the park".   Animals are a big staple in my life and something that holds dear to my heart.

Strong passion and appreciation for gaming.

References:

Mairin Nicell (Course Director) Ulster University. (E) ma.nicell@ulster.ac.uk