

Michael Stewart

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Education

Edinburgh College

Edinburgh, currently studying

Higher National Diploma in Software Development SCQF Level 7 – 8

Coursework: Software Development, SQL and Databases, Computer Systems Fundamentals, Troubleshooting Software Problems, Professionalism and Ethics in Computing, Team Working in Computing, Testing Software, Mathematics, Mobile Applications.

Heriot-Watt University

Edinburgh, currently studying

Fundamentals of Computer Science (Optional Additional Module) alongside my HND with Edinburgh College. An introductory university-level module covering the mathematical foundations of computing, including logic, set theory, relations, inductive reasoning, data structures, and problem-solving methods.

Edinburgh College

Edinburgh, August 2024

National Progression Award in Software Development SCQF Level 6

Coursework: Software Design and Development, Authoring a Website, Applications Development.

Skills Training Group

Fife, November 2022

National Accredited Certification Scheme (ACS) from LCL Awards

Core Domestic Gas Safety, Combustion Performance Analysis, Central Heating Boilers & Water Heaters, Cookers, Gas Fires, Meters, Unvented Hot Water Storage Systems, WRAS Water Byelaws, System Design and Fault Finding to Repair Central Heating Systems and Boilers, Legionella Prevention & Water Treatment, Hot Water Systems & Safety, Installation and Maintenance of Air Source Heat Pumps.

Craigmount High School

Edinburgh, 2008 - 2014

Higher Grade: Geography and Computer Games Development/ Digital Media.

Intermediate 2 grades: Mathematics, English, Biology, Geography and Hospitality.

Standard grades: Mathematics, English, Geography, Biology, German, Craft and Design Technology and Music.

Technical Skills & Featured Project

Languages: Java, Python, JavaScript, SQL

Web: HTML, CSS

Tools: NetBeans, VS Code, GitHub

Concepts: OOP, Data Structures, UX Design, Testing

HND Software Development First Semester Project

Developed a Java program in NetBeans that predicts a metal type based on user input.

Implemented parameter passing, loops, menus, separate files, error handling, and mathematical calculations.

Employment

Residential Gas Engineer

Edinburgh, 2022 - current

Currently employed by a small plumbing and heating company. My key role is in performing landlord safety checks on domestic properties. This involves portable appliance testing for electrical safety, Gas safety checks and full boiler service (in adherence with appliance manufacturers' specifications) and Legionnaires risk assessment.

I have worked across financial (Lloyds Banking Group), retail, hospitality and technical trades, gaining adaptability and strong communication skills. Having lived and worked in both America and Australia, I enjoy connecting with diverse teams and cultures, something I hope to bring into a collaborative software environment.