

Tom Franklin

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Profile

Graduate with a First-Class Honours in Computer Science, looking for a full-time graduate role in Software Development. Experience in object-oriented programming, functional programming and markup languages. Looking to challenge and expand my technical skill set and to build upon my achievements from University.

Educational History

2016 - Present	<u>Computer Science BSc (Hons)</u> De Montfort University A traditional computer science degree with advanced knowledge in major themes within technical computing, Including but not limited to: <ul style="list-style-type: none">• Object-Oriented Software Design & Development• Project Management & Research• Functional Software Development• Multi-tier Web Applications• Systems Building Methodologies• Web Application Penetration Testing• Programming in C• Data Structures and Algorithms• Multi-Service Networks	Grade: First-Class Honours Degree
2014 - 2016	<u>Level 3 Extended BTEC in IT</u> Kettering Tresham College Foundational knowledge in IT and different areas of computer science, including units in: <ul style="list-style-type: none">• Object-Oriented Programming• Web Design & Development• Introductory Database Design• Computer Security Threats• Professional Practice• Introductions into Robotics• Games Design• Graphics Design	Grade: Distinction, Distinction, Merit (DDM)
2009 - 2014	<u>GCSEs</u> Bishop Stopford School Including Maths, English, Science, Additional Science, Art & Design and Religious Education. Vocational Subjects in IT, Media and Logistics.	Grade: Grade C for Maths, English, Science, Add. Science & R.E.

Work History

2016 - 2017	<u>Funeral Caterer</u> Jack Warwick Funeral Services <ul style="list-style-type: none">• Customer Service: As a funeral Caterer I was responsible for handling customer needs. I was frequently interacting with various customers as part of the job and consistently receiving positive feedback from customers which helped improve the reputation of the company.• Team Player: Worked alongside teams of 3-6 performing joint tasks including preparation and maintaining of the workplace.• Mentor: As part of the job I had the task of training new trainee staff and introducing them to the various tasks and responsibilities that they'd have to undertake which resulted in the successful recruitment of multiple new members.
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Technical Skills

- **Java** 2 Years strong understanding of the Java programming language.
*Achieved an **overall grade of 77%, equivalent to a 1:1** in the Object-Oriented Programming Module at University. Currently working with Java libraries JavaFX & JDBC in my final year project to produce a Windows 10 application for managing events.*
- **HTML, CSS & JavaScript** Strong understanding of Web Development
*Worked with HTML, CSS and JavaScript throughout University. Achieved **65% in the Web Scripting Phase** Test of my second year as well as **60% in a Web Development** project of first year; Both of which amount to a 2:1.*
- **MySQL & Oracle** Strong Understanding of SQL Relational Databases
I worked with MySQL Workbench to produce a relational database for my final year project, as as previously working with Oracle SQL for my database module of second year.
- **Scala** Good Understanding of Functional Programming in Scala.
Achieved an overall grade of 91% in Functional Programming module of 3rd year, equaling to a high end 1:1.
- **C#** Previous experience with C#
*Worked with C# through both years of College and achieved a **Distinction grade** in Object-Oriented Programming unit of second year.*
- **C** Good understanding of the C programming language.
*Achieved an **overall grade of 95% in the VIVA exam, amounting to a 1:1** in the Programming in C module of my first Year at University.*
- **Software** Experience with:
 - Eclipse IDE
 - IntelliJ IDEA
 - Atom (text-editor)
 - Visual Studio MVC .NET
 - Github
 - SAS Data Miner Workstation
 - MySQL Workbench
 - MariaDB
 - Oracle SQL
 - Linux (Ubuntu, Fedora, Raspbian)
 - Windows XP, 7 & 10
 - Paint.net Graphics Editor

Achievements

- Developed an Event Planning Application for my Final Year Dissertation Project which received a grade of 85%. Implementing my overall knowledge learnt from JavaFX, JDBC, MariaDB, MySQL Workbench and Github technologies.
- Developed a Java Application for choosing third-year modules at University for my 2nd year Object-Oriented Software Design and Development Module and received a grade of 77%.
- Helped set up a programming club at Secondary School which kickstarted my passion for computer programming.
- Created numerous small scale mods for various video games, one of which was featured in 'PC Gamer' magazine.
- Created my own personal website which is continuously being updated to demonstrate my web development skills.

Hobbies & Interests

In my spare time, I enjoy gaming, particularly within the real-time strategy genre and objective based games with friends. I also enjoy practising programming casually, using the website codewars.com to help practise my skills, and have recently been developing Cellular Automata related programs for fun. I consider myself to be outgoing and attended the DMU hackers society as a platform to meet new people as well as practicing my web pen-testing skills.