# Curriculum Vitae

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Callum Harris

Software Developer

**Profile**

**I am a dedicated and self-motivated Engineering graduate from Heriot-Watt University (2014). I have hands-on experience with C#, Java and Scala programming. I have taken part in an intensive 12-week training program taught by FDM Group, where I learned about various technologies with a focus on Java. I have published a game to the Google Play Store for Android called Super Rugby Ball Kick, were I was the sole person responsible for all aspects of the game. I was also responsible for bringing together a team of 5 people to develop a game in the Unity game engine, where I was the project lead as well as the lead programmer. I was part of the Prince’s Trust Get Into Technology program where I worked in a team of 4 people software testing the 6 Nations Rugby App for the IPad. This required a fine eye for detail and a methodological approach to test all the pages. I am looking to further develop my programming skills and project management skills in a challenging position.**

**Professional Experience**

**FDM Group, Glasgow**

**May 2015 – March 2016**

***Java Developer***

* **Part of a 12-week intensive training course where I was learning various technologies, not just for programming but for other commonly used applications used in the technology industry.**
* **Taught best practises and key skills by industry veterans.**
* **After I completed my training I was contracted to work with the VOA to gain industry experience.**
* **Continued up skilling in Java and in C# to further develop my skills after my VOA placement.**

***Training Program***

* **Pro Skills**
* **SQL**
* **Excel / VBA**
* **Unix**
* **Web App Design**
* **Java Core**
* **Java Data Access**
* **Java Spring**

**Project work during FDM**

**Valuations Office Agency, Worthing**

**Junior Scala Developer**

* Responsible for learning Scala and the Play framework to be able to provide continued support and be able to work as a valued team member.
* Worked in a fast moving Agile environment taking part in various meetings such as stand-ups and Sprint reviews to constantly provide deliverables.
* Quickly switched from a Java development background to pick up the basics of Scala to be immediately useful within the team.
* Adapted and learned new skills such as JavaScript and HTML to fulfill additional needs of the team to help achieve Sprint goals on time.
* Taken on a MongoDB University online course to supplement my own learning.
* Shadowed and learned from the senior developers to aid my learning in some of the more advanced aspects of Scala and the best practices.

**Probe-RTS, Livingstone**

**June 2014 – August 2014**

***Quality Inspector***

* Hydrogen Fuel Cell Inspector; responsible for conducting quality checks on new product developed by the facility.
* **Supported end of the line tests of the new product to ensure adherence quality and health hand safety standards.**
* **Formed part of the defect management team responsible for resolving defects with products in a timely and efficient manner.**
* **Worked on the production line to ensure the correct quantity of products are produced and shipped on a daily basis to meet client needs.**

**Education**

**B.Eng Combined Engineering, Heriot-Watt University**

**September 2010 – July 2014**

**Modules Included**

|  |  |
| --- | --- |
| * **Mass Balance** | * **Thermodynamics** |
| * **Fluid Mechanics** | * **Heat Transfer** |
| * **Mass Transfer** | * **Accountancy & Economics** |
|  |  |

**Other Skills**

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| --- | --- |
| * **Java** | * **Scala** |
| * **C#** | * **Games and Mobile Development (Unity 5)** |
| * **Project Management** | * **XML & JSON** |
| * **HTML & CSS** | * **Git** |

**Interests**

**I have taught myself the C# programming language starting when I graduated University. I have also taught myself how to use the Unity 5 games engine, creating multiple games for both PC and Android. I have taken on multiple hobby projects with teams of people to create games. I have published a game called Super Rugby Ball Kick to the Google Play Store for Android, which is available to download for free.**

**I was part of an Arctic Norway Expedition with a team of 7 young people where I climbed glaciers and kayaked over open seas. This required strong teamwork and communication skills. Additionally, I had to raise £4000 to fund this, which was done through fund raising attempts such as a sponsored cycle.**

**During the Prince’s Trust Get Into Technology program I was taught a large variety of industry tech skills including programming, testing, UX design and the Agile methodology.**