

## **Niall Martin CV**

**Home Address:** Mullantlavan, Magheracloone, Carrickmacross, Co. Monaghan

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## **Personal Profile**

Computer Science & Information Technology graduate from NUI Galway. Have comprehensive experience the C#, Java, C, JavaScript, SQL, and HTML programming languages. Committed and hard-working individual looking for a rewarding career in the Information Technology Sector. Have a particularly comprehensive experience and a strong interest in working using the .NET development environment. For more detailed information, visit [niallmartin.com](http://niallmartin.com).

## **Education**

### **Sept 2012 – June 2016: Bachelor of Science (Computer Science and Information Technology), National University of Ireland, Galway**

- Graduated with a 2:1
- Topics covered include:
  - Distributed Systems & Co Operative Computing
  - Software Engineering
  - Real Time Systems
  - Artificial Intelligence
  - Advanced Professional Skills
  - Machine Learning & Data Mining
  - Graphics & Image Process
  - Modern Information Management
  - Computer Security and Forensic Computing
  - Systems Modelling and Simulation
  - A final year project (Athletics Management web app, detailed below)

### **Sept 2006 - June 2012: Leaving Certificate, Patrician High School, Carrickmacross, Co. Monaghan**

- Achieved 485 points (Including 25 bonus points for Higher level maths with the following grades: Mathematics(Higher): B1 English(Higher): B3 Physics(Higher): B2 Geography(Higher): B3 Biology(Higher): B1 French(Higher): C3 Irish(Ordinary): A2

## **Employment History**

### **April 2015 – September 2015, Software Engineer, Storm Technology Ltd.**

- Was a member of a team developing an internal work management system. Developed using C#, was an ASP.NET MVC application to give complete project and resource breakdowns.
- Provided comprehensive orientation for new employee drafted into the work management system team.
- Tester for the new Bus Éireann website booking system. Created and ran test cases using Microsoft test manager. System now released at <http://www.buseireann.ie/>

### **June 2014 - September 2014, Human Resources Member, Monaghan Mushrooms Group**

- Member of team tasked to launch of new TMS(Time Management System) on UK Monaghan Mushrooms sites.
- Organised interviews for long term sick employees. - Assisted in facilitating requests from claim solicitors for employees filing claims

### **May 2013 - September 2013, Human Resources Member, Monaghan Mushrooms Group**

- Assisted in, and later was administrator for employee fingerprint scanning system (Adding new employees, removing past employees, etc.)
- Took part in employee recruitment process (replying to applications, setting up interviews, etc.)
- Assisted in the employee salary payment process (sending out cheques, added banking details for new employees)

### **June 2012 - September 2012, Information Technology Worker, Monaghan Mushrooms Group Duties:**

- Implemented new asset tagging and management system throughout various Monaghan Mushrooms sites.
- Member of team tasked to introduce and implement new system that distributed employee payslips via email. Worked in collaboration with Human Resources department and other team members in IT.
- Administered general IT support to Monaghan Mushrooms employees.

### **Completed Projects**

(Source code for these projects are available at <https://github.com/NiallFMartin>)

- A fully featured Athletics Management web application. Developed using ASP.NET MVC and Entity Framework. Written in C#. Includes the following features:
  - Performance data logging saved to an external Microsoft SQL database.
  - Trend analysis of athletes' performance throughout the year
  - Generation of set performance goals determined by the athlete's existing results
  - Comparison of athletes' key performance data for squad selection
- Java RMI based Exam System. Was a member of a two-man team for a project consisting of a client-server model where a student (client) could download an assessment object from the server, complete the assessment and then upload is back to the server for correction.
- Information Retrieval System. Was a member or a two-man team that developed an Information Retrieval System written in C# from scratch. Given a query, it computes the Cosine Similarity between the query and a number of documents, and returns a ranked list of all relevant documents relating to that query using a modern weighting scheme (TFIDF).
- Personal Website. Developed using ASP.NET MVC and written in C# and razor HTML. Viewable at [niallmartin.com](http://niallmartin.com)
- A fully functioning instant Chat messaging server with register/ login functionality, as well as the ability to privately message other users. (created for a group assignment using Node.js and HTML)
- A fully functioning Space Invaders game (created using Java). Included rounds and saved high score.

### **Skills Profile & Personal Endeavours**

- Have experience in the C# Java, JavaScript, HTML, C, and SQL programming languages. Have used these to good effect in a number of academic, professional and personal projects

(some of which were mentioned earlier). Am also constantly looking at new technologies to learn and implement.

- Have developed a personal website at niallmartin.com.
- Have gained proficiency in my communication skills, though my work in Software engineering, IT support and Human resources.
- Have lived and worked on a sheep farm for my entire life, and am no stranger to manual labour.
- Hold a full driving license.
- Hold two all-Ireland U18 interzone winners medals in indoor bowls, have also qualified for the All-Ireland open singles tournament in 2014, All-Ireland open pairs tournament in 2015 and played in the World masters in 2013 and 2014.

### **Interests & Hobbies**

- Gaelic football - Played on various underage teams with my local club (Magheracloone GFC) and would still follow their progress closely. Am also an avid fan of the Monaghan team.
- Indoor bowls - Play with my local club Magheracloone, and compete in many open tournaments.

### **References**

**Name:** Denis Cronin

**Position:** Delivery Lead in Storm Technology Ltd.

**Relationship to me:** Supervisor during my internship

**Email:** dcronin@storm.ie

**Name:** Dr. Michael Schukat

**Position:** Lecturer in Department of Information Technology at NUI Galway

**Relationship to me:** Final Year Project Supervisor

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