

# Gary Healy

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## Academic History

### **September 2012 – Present: BSc (Honours) Computer Science, Dublin Institute of Technology**

Currently pursuing a Level 8 Honours degree in Computer Science

#### **Results:**

**1<sup>st</sup> Year, 2.1 Average:** Algorithm Design and Problem Solving (72%), Communications for Computer Technology(62%), Computer Architecture and Technology(58%), IT Fundamental's(53%), Mathematics 1 (57%), Microprocessor Systems(57%), Operating Systems 1 (69%), Program Design (72%), Programming (80%), Programming with Persistent Data(74%), Web Development 1 (69%)

**2<sup>nd</sup> Year, 2.1 Average:** Databases 1 (70%), Mathematics 2 (74%), Operating Systems 2 (75%), Software Engineering 1 (60%), Web Development 2 (47%), Algorithms & Data Structures(79%), Data Communications(47%), Human Computer Interaction(61%), Legal & Professional Issues(56%), Object Orientated Programming(79%), Software Engineering 2(61%)

**3<sup>rd</sup> Year, 2.1 Average:** Client Server Programming (73%), Cloud Computing (60%), Databases 2(68%), Graphical User Interface Programming (63%), Knowledge Engineering (70%), Software Engineering 3(70%)

**Internship:** Completed a seven month Software Engineering Internship at Susquehanna International Group in the second semester of third year (**See Employment History**)

#### **Extra-Curricular**

Lab Assistant for the 1<sup>st</sup> year programming lab classes for semester one of third year. Duties included helping students develop programs in the C programming language.

### **2011 – 2012: Drogheda Institute of Further Education**

Level 5 FETAC award in IT and Computing

**Results:** Communications (Distinction), Computer Architecture (Distinction), Computerized Bookkeeping (Distinction), Database Methods (Distinction), Desktop Publishing (Distinction), Programming (Distinction), Spreadsheet Methods (Distinction), Web Authoring (Distinction), Word Processing (Distinction), Work Experience (Distinction)

#### **Work Experience module:**

Completed two weeks of work experience at Anord Energy Control systems LTD (**See Employment History**)

### **1999 – 2004: St. Josephs C.B.S, Newfoundwell Road Drogheda**

Leaving Certificate

**Studied:** Mathematics, English, Irish, French, Technical Graphics, Agricultural Science, and Geography. **Results:** 53% Average.

## **Employment History**

### **Software Engineering Intern (February 2015 – August 2015) - Susquehanna International Group (SIG), International Centre, Memorial Road, IFSC, Dublin 1**

Worked as a Software Engineer Intern with the trading services team developing sophisticated software and integration tests for trading applications

**Main technologies and Tools used:** C#, SQL, XML, Visual Studio 2013, Windows Forms, Wireshark, NUnit, Perforce, Team City.

### **IT Work Placement (February 2012) - Anord Control LTD, Dundalk, Co. Louth**

Worked here as a member of the IT department assisting other team members in maintaining the computer network and carrying out computer repairs and upgrades. Built an Internal website for the company which stored the employee handbook and health and safety guidelines.

**Main technologies used:** HTML, CSS.

## **Skills Profile**

**Languages:** C#, Java, C, PHP, HTML, CSS, SQL, XML, C++, Prolog, JESS, UML

**Integration Development Environments:** Visual Studio, Android Studio, Eclipse (Google App Engine and Android development), Oracle SQL Developer, Rational Software Architect

**Tools:** Wireshark, NUnit, ARCGIS, GitHub, Perforce, Team City

**Communication:** Experienced with delivering presentations and answering questions afterwards. Also have experience with writing technical reports and user guides. Skills developed through Internship, course work and assignment submissions.

## **Certificates**

### **September 2015 - October 2015: Learning ArcGIS Desktop (for ArcGIS 10.0)**

**Awarding Body:** Esri

Completed this course as part of the Geographical Information Systems module in Dublin Institute of technology.

## **Other Interests**

**Music:** Music Enthusiast and self-taught amateur musician. Enjoy playing musical instruments such as guitar, bass guitar and piano.

**Sport/Leisure:** Enjoy keeping fit by Jogging and Weight Lifting. Also enjoy playing poker and pool.

## **Referees**

References on request.

