

# Curriculum Vitae

Conor Molloy

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## Personal Profile

I am a 22-year-old 4<sup>th</sup> year Computer Science student from University College Cork. I am an energetic, ambitious person who has developed a responsible approach to any task that I undertake.

I have strong technical skills as well as excellent interpersonal skills. I wish to continue my career by applying and developing my skills and knowledge within a dynamic and fast-paced company.

## Third Level Education

2013 – 2017                      University College Cork  
BSc in Computer Science

**Subjects include:** Java, JavaScript, Python, Operating Systems, Several Security modules, Algorithms, Logic design, Web Servers, Databases, Animation, Artificial Intelligence, Computer Architecture, and Networking including Cloud Computing.

**Expected grade:** 2.1

## Other Computing Skills

**Applications:** Microsoft Office Suite, Sharepoint, Citrix, Dreamweaver, Photoshop, Adobe packages & SQL Management Studio, R-Studios, Tableau.

**Programming Languages:** HTML, CSS, PHP, Java, JavaScript, XML, Python, C and SQL.

**Operating Systems:** Windows XP - 10, Debian based Unix.

## Secondary Education

2007 – 2012                      De La Salle College, Newtown, Waterford

## Leaving Certificate Results

Physics	A2	Higher	Geography	A2	Higher	English	C3	Higher	Maths	C1	Higher
History	C1	Higher	Construction	B1	Higher	Irish	C2	Ordinary			

## Work History

March-September 2016    Intern, Business Intelligence Department, Glanbia PLC

### Key skills gained:

- Learned how to plan, develop and test software to be put into production
- Gained a strong understanding of how a large scale IT-based company operates
- Designed and implemented a system that converts PDF's to comma delimited text files to aid in the automatic collection of data from suppliers using Python code and regular expressions.
- Received training from the testing department, learned the basic in testing theory and got a tour of the systems in place for testing
- Developed data visualisation sets using Tableau, from data received from supplier on product information that were useful for sales managers.
- To aid in the goal of automating tasks I wrote Scripts to collect market information from the internet automatically. My script would

automatically download and convert to csv format the latest milk prices from when the script was run.

- Made a website using Javascript to display vending machine locations in Sweden along with make useful scripts to update the list of locations easily. This provided very useful informations to our Swedish suppliers to organise more efficient stock runs.
- Designed and developed excel forms for users to fill out to request access to different databases. This provided us with more security and took pressure of our department.
- Researched and tested the software Hadoop and created a small Hadoop environment to explore any possible relevance of the technology to the company in the future

Summer 2015 - May 2016

Freelance web developer, Top Insure, Waterford

Developed and produced a website for a start-up insurance broker.

**skills gained:**

- I worked on all aspects of the software development lifecycle using agile project management
- I delivered a website with innovative features such as inbuilt chat client and a CMS system under budget and in time for their launch, Built using HTML, CSS and JavaScript.
- Increased performance on the website using strategic back end changes to the underlying Apache server.
- Researched and developed Google rank optimisation technique and tools to help increase website viewers
- I learned how to work independently and how to communicate efficiently with the client to hit the client's goal

### **Final Year Project**

For my final year project I developed a cloud visualisation framework for OpenStack.

**Key skills gained:**

- Developed Server side Java code using Java Servlets and REST API to gather information and run commands on the OpenStack implementation.
- Developed a user interface in JavaScript to allow users to drag and drop images that manipulate the cloud environment.

### **Interests**

I am passionate about outdoor pursuits and sports. I was a member of the Ballygunner Scouts for 8 years. I play the guitar and enjoy music. I enjoy swimming reading and socialising. I have huge interest in the Raspberry Pi and enjoy developing and programming in embedded systems to create home projects with it.

### **References**

References available on request.