

Niall Heaney B.Eng., M.Sc.

Cloontrask, Castlerea, Co. Roscommon, Ireland

Telephone: (087) 2459002

E-mail: cv@niallheaney.ie

Date of Birth: 10th March 1981

Timeline:

2011/04 to Present	-	StatCounter (PHP Developer)
2009/04 to 2011/04	-	OVH Hosting Ltd. (Technical Support Advisor)
2008/01 to 2009/03	-	Travelling (including 3 months job-seeking upon return)
2007/11 to 2007/12	-	W.P.A. Mobile (Client Training – contract role)
2007/07 to 2007/10	-	Meteor Mobile Communications (Software Test Engineer – contract role)
2005/09 to 2007/06	-	N.U.I. Galway (Master of Science Degree)
2003/09 to 2005/06	-	G.M.I.T. (Bachelor of Engineering Degree)
2002/06 to 2003/08	-	Connaught Electronics Ltd. (Manufacturing Technician / Software Developer)
2001/09 to 2002/05	-	G.M.I.T. (National Diploma in Electronic Engineering)
1999/09 to 2001/05	-	G.M.I.T. (National Certificate in Electronic Engineering)

Qualifications:

• Zend PHP 5 Certification (ID: ZEND011305)	2010
• Master of Science in Software Design & Development (NUIG)	2007
• Bachelor of Engineering in Digital and Software Systems (GMIT)	2005
• National Diploma in Engineering in Electronic Engineering (GMIT)	2002
• National Certificate in Engineering in Electronic Engineering (GMIT)	2001

Experience:

• StatCounter, Dublin [PHP Developer]

[Apr. 2011 to Present] Working as a PHP and Web Application developer in a small team environment for a web analytics company. Primary technologies used are PHP and MySQL, with occasional use of basic & intermediate-level Javascript, CSS and HTML. UNIX command-line technology used on a daily basis. Primary duties include upkeep and development of device/browser detection system, development of new website features, general back-end development and bug fixes. Responsible for projects such as the development and expansion of mobile device detection and identification, columnar database (Infinidb) system to support MySQL storage, unique-user identification system, detailed drill-down statistic queries for customers and development and implementation of an API.

• Website Development (all voluntary & part-time) [Web Developer]

www.aims.ie : Design, development, maintenance and overall management of both technical and financial aspects of the website on a voluntary, part-time basis since 2006. The site receives over 1,000 visits per day and makes use of PHP, MySQL, Javascript, HTML, CSS and some basic Ajax. Major tasks include:

- | | |
|--|---|
| • Complete conversion from ASP to PHP | • Complete re-design of site front-end |
| • Complete re-design and re-structuring of PHP back-end | • Inclusion of custom image gallery, user avatars, re-structured forums |
| • Management of email accounts for organisation officers | • Moderation of all user content |

www.castlreamusicalsociety.com : Designed, developed and maintained over the past 6 years. Site heavily incorporates PHP, MySQL, HTML, CSS, and Javascript.

www.biglittletrip.com (no longer exists) : Designed, developed and maintained during a year spent travelling in 2008. The site was used to share photographs and information during the trip. Site incorporated HTML, PHP, Javascript and MySQL, and was based on a WordPress environment with embedded version of Gallery2.

- **OVH Hosting Ltd., Dublin** [Technical Support Advisor]

[Apr. 2009 to Apr. 2011] Primarily involved the provision of technical and commercial support to customers by telephone and e-mail. Support provided in all areas of dedicated servers, shared hosting and domain name registration. Also involved management of Irish subsidiary's forum, resolving issues with the IEDR, assisting in the development of marketing and translation of both website data (<http://www.ovh.ie>) and head office correspondence (company HQ in France).
- **WPA Mobile, Athlone (Contract role)** [Client Training]

[Nov. to Dec. 2007] Involved the training of clients in the setup and usage of WPA's wireless order tracking system, comprising of mobile handsets and custom software applications.
- **Meteor Mobile Communications, Dublin (Contract role)** [Software Test Engineer]

[Jul. to Oct. 2007] Worked in a contract role on Meteor's Intelligent Network replacement project. Involved tariff rate and dial zone testing, bug reporting, regression testing, liaising with system architects and project managers, and use of a number of telecommunications software test systems, including Minsat, Sigos, Testlink and Mantis, along with SQL querying.
- **N.U.I. Galway, Galway** [Visual Basic Tutor]

[Oct. 2007 to May 2007] Provided over 60 hours of VB tutorials to 1st Year students in NUI Galway. This involved supervising students (approximately 24) during twice-weekly lab sessions and demonstrating and explaining any coding or concept issues that arose during those sessions.
- **Connaught Electronics Ltd., Tuam, Co. Galway** [Manufacturing Technician / Software Engineer]

[Jun. 2002 to Jun. 2007 : Full-time & Part-time] Duties included process development, maintenance, budgeting and operator training in an engineering environment. Designed and implemented a PHP/MySQL set of contacts management applications in Joomla for C.E.L. Test Department during summer '06.

Education:

- **N.U.I. Galway** [Sep. 2005 to Jun. 2007]

M.Sc. in Software Design & Development
Thesis: "Does multiple-instance message encoding increase the probability of successful data preservation in steganography?" (<http://msc.niallheaney.ie/>)
- **G.M.I.T. (Galway)** [Sep. 2003 to May 2005]

B.Eng. in Digital and Software Systems
Final-Year Project: "Real-Time Bus Timetable" (<http://beng.niallheaney.ie/>)
- **G.M.I.T. (Galway)** [Sep. 1999 to May 2002]

National Diploma in Engineering in Electronic Engineering
 National Certificate in Engineering in Electronic Engineering
- **Castlerea Community School (Co. Roscommon)** [Sep. 1993 to Jun. 1999]

Leaving Certificate

Interests:

- **Musical/Theatrical Organisations:** Involvement, both on and off-stage with numerous musical societies in my home town of Castlerea, Galway and Dublin since the late 90's. I have been involved at committee level with Castlerea M.S. for a number of years and have managed the design of their souvenir programmes for two productions. I also designed, developed and maintain the society's website, <http://www.castlreamusicalsociety.com/> and provide technical assistance (audio/video/photography) when required during fundraising activities. More recently, I have have taken the role of Production Director for three annual musical productions, with full artistic responsibility for the cast, production team and technical crew. My involvement at local level has led to my involvement at a national level through the Association of Irish Musical Societies (AIMS). I spent four years as a Western Region representative on the National Council of AIMS. Primary duties included seminar, workshop and event organisation, and facilitating inter-society networking. I have also been able to lend my skills to the management and development of the organisation's website, <http://www.aims.ie/>.
- **Travel:** I spent the entirety of 2008 abroad, visiting parts of Asia, Australia, New Zealand, Fiji, South America, Central America and North America. I spent a number of weeks employed in the harvesting industry in South Australia. This trip involved a high level of research, planning and organisation, along with a willingness and ability to adapt and react to various unpredictable challenges and situations as they arose. I also provided information and images to family and friends through a now defunct website (<http://www.biglittletrip.com/>) which was based on a WordPress installation with Gallery2 and a customised theme.

Referees:

References available upon request.