

Sean Nicholls

Software Developer

Dublin, Ireland

Objective

With a broad range of technical competencies including Website, Game Console & Mobile Device Development, my current objective is to specialise more in a particular area of interest.

Work Experience

Mar 09 to Present NCI Computing Society *Dublin, Ireland*

NCI Computer Society President

I co-founded the NCICS out of a desire for a better well rounded college experience and to have more fun with computers than was currently available.

July 09 to Aug 09 Intune Networks Ltd. *Dublin, Ireland*

IT Support Engineer

In this role, I provided IT support to 100+ staff members, including setup, deployment and maintenance of computers and servers.

Apr 09 to July 09 QHC Consulting Ltd. *Dublin, Ireland*

Intern Software Developer

I lead the development of a rich and dynamic web presence with Ruby on Rails and Adobe Flex.

Feb 09 to July 09 Atamia Ltd. *Dublin, Ireland*

Intern Software Developer

My various activities included developing a Network Stack for Xbox 360 game console and social networking & web development with Python/Django

May 07 to Aug 07 PodShow inc. *Dublin, Ireland*

Freelance Software Developer

Design and development of a freelance project for enhancing web presence.

Apr 04 to Aug 2004 McDonald Rentals *Dublin, Ireland*

Website Developer

Ground up creation of an original brand including graphics design and custom scripts. Utilising experience in JavaScript, HTML and web server maintenance.

2000 to 2002 ClickTeam *Dublin, Ireland*

Volunteer Beta Tester

Accredited as 'Beta Tester' and 'Bug Hunter' in flagship product, Jamagic in the About.

Education

2005 to Present National College of Ireland *Dublin, Ireland*

Bsc.H in Software Systems

2003 to 2005 Roslyn Park College *Dublin, Ireland*

HETAC level 5 certification in Computer Programming

In completing, 11 modules were passed with distinction from computer programming to database methods and more, 3 modules above and beyond the course maximum.

European Computer Driving License (ECDL)

Interests

I like creating things: Websites, Video Games –even iPhone Apps. I’m also somewhat of an amateur graphics designer, I like to draw concepts of website ideas or game designs. Of course when I’m not doing that I’m probably letting off some steam in an online game of some description.

Attributes

I’m a highly motivated individual, with high expectations and a work ethic to match. Attention to detail and clarity are things I hold in highest regard. I am frank and forthright in everything I do.

Public Work

All public work can be made available to interested parties at special request.

- VoxBox
 - *A website voicemail system that engages a websites users to interact personably.*
- BinaryClock
 - *A simple javascript implementation of a binary clock.*
- PHP XML Document
 - *An objective-php class that creates XML compliant documents.*
- PHP RSS Document
 - *A wrapper php class that creates RSS compliant documents.*
- Sodal
 - *A modular, interactive chat room robot with artificial intelligence.*

Recommendations

References/referees available on request.

Contact

Mobile: +353 879 526 879

Preferred method of contact is via email or alternatively mobile phone.

Email: info@seannicholls.com

Website: <http://www.seannicholls.com/>

LinkedIn: <http://www.linkedin.com/in/seannicholls>

Skill Experience

For further information about specific experience with a language or technology please contact me.

Skill Name	Skill Level	Experience
Native Languages		
C / Objective-C	Beginner	Approx. 2 weeks
I recently began developing applications for the Apple iPhone platform and plan to release a number of apps to the iPhone App store the near future.		
C++	Intermediate	Over 18 months
Part of my course in Roslyn Park College, I created a personal project which involving the remote administration of computers over the local network. This also cooperated with a Jamagic client app.		
Assembly	Beginner	Under 6 months
Part coursework, part pet project, my experience in Assembly includes x86 and PIC microprocessor.		
High Level Languages		
C#	Intermediate	Over 18 months
I took a keen interest in c# programming when I learned that if you owned an Xbox 360 you could make high quality video games for the Xbox360. I made physics simulations in addition to the XNA framework.		
Java	Advanced	Over 4 years
As freelancer working with PodShow Inc. I developed a VoxBox, a voice comment system for websites that empowers website operators to communicate more effectively with their audience by the medium of voice.		
Visual Basic 6	Intermediate	Approx. 2 years
Using experience learned from developing a 'who wants to be a billionaire' game, I developed a bespoke solution for the Department of Transport for the calculation of license expiration.		
Visual Basic .NET	Advanced	Approx. 3 years
I have had the opportunity to develop a number of application-specific tools using VB.NET including a web colour picker in which a user selects a colour or enters the hexadecimal equivalent for websites. Another personal project was a CD autoloader program, which would parse an XML document and present a menu of options, aimed at distribution for shareware products.		
Website Development		
PHP	Advanced	Over 5 years
With PHP I developed a number of web portals and applications, two in particular are phpxmldocument which provides an API for creating valid XML documents and phprssdocument which uses the former to provide a wrapper API for creating valid RSS documents –both available on Google code.		
Ruby on Rails	Beginner	Under 6 months
As part of my internship with QHC Consulting I developed a number of web apps using the Ruby on Rails framework including an application to deliver discount coupons to mobile devices.		
Python & Django	Beginner	Under 6 months
In my role at Atamia Ltd. I participated in and developed a number of web applications using Python/Django including a video game statistics reporting email parser and a social notifications application, which utilised the Twitter API.		
Adobe Flash (Actionscript 2.0)	Beginner	Approx. 2 years
Adobe Flex (Flex 2.0)	Beginner	Approx. 2 weeks
Miscellaneous		
Microsoft XNA Framework 3.0	Intermediate	Over 1 year
Apple iPhone SDK 3.0	Beginner	Approx. 2 weeks
Operating Systems (Windows, Mac, Linux)	Advanced	Over 8 years
Server Administration (Apache)	Intermediate	Over 5 years
Server Administration (Microsoft IIS)	Beginner	Under 2 years