

## Sean Handley

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### Me in a Nutshell

Professional software developer specialising in application development in object-oriented languages. Currently employed as a developer of SureView Systems' flagship product, "Immix", a world-leading alarm and video remote management platform for security monitoring companies. Passionate open source advocate and technological enthusiast. Particularly interested in human-centric design and environmentally considerate technology. BSAC-trained ocean diver, PADI-trained open water diver. Full, clean UK driving license.

I have worked for three years in a Windows application environment using C# and the .NET framework to produce applications and services for Windows and the web. I am familiar with all release versions of the .NET framework and, as I'm coming from a small company, I have full experience at all levels of the development cycle in a SCRUM-based team. In addition to working as a software developer, my role has involved managing the company's software support in its entirety - from setting targets for issue resolution through to customer relations, metric reporting and procedural management.

### Education

BSc (Upper Second Class Honours) Computer Science, Swansea University, 2004-2007.

5 x 'A' Level, Ermysted's Grammar School, 1997-2004.

### Skills

Experienced programmer with knowledge of technologies including (but not limited to) Ruby, Rails, Cucumber, Java, C#, C, C++, SQL (MS, MySQL, PostGres, SQLite), Team City;

High-level of general computer literacy;

Solid experience working as part of a team to produce quality commercial software;

Worked within an agile environment using test-driven-development, behaviour-driven-development and SCRUM;

Experience with various project management tools, development environments and version control using SVN, TFS and Git;

Competence with and broad knowledge of multiple operating systems, including GNU/Linux, BSD, Mac OS and Windows;

Excellent communication skills, both written and oral;

Confident public speaker.

### Employment History

Software Developer	October 2007–Present
SureView Systems International	Swansea
Development of commercial security software for monitoring stations. Gained substantial experience with C# and the .NET framework as well as software integration with high-end monitoring servers and cameras. Worked with many third party APIs and SDKs. Produced high-reliability service-based applications. Worked using SCRUM, TDD and BDD. Gained strong management experience as software support manager.	

Programmer May 2006–August 2007  
Caer Las Cymru Swansea  
Two Summer placements maintaining and improving the organisations Management Information System by redesigning the interface and designing new features to help employees manage their data more easily and effectively.

Programmer Summer 2006  
Google Inc. Swansea  
Awarded a stipend by Google’s Summer of Code scheme to work on an open-source project. Acquired valuable experience working on a large software project using test-driven development.

### Positions of Responsibility

- (2009) Acted as customer training liaison for SureView Systems, performing face-to-face training exercises with clients.
- (2008) Represented SureView Systems at several tradeshows in the UK and the US.
- (2006 - 2007) Elected for the executive committee of the Swansea University Computer Society where I gained direct experience of running an organisation of over 200 members.
- (2007 & 2008) Acted as returning officer for the Computer Society committee elections.
- (January 2006 - May 2006) Group Leader of a university programming team, working to produce a theoretical mass-spectrometry application. Gained knowledge and practical experience of software engineering principles and leadership.

### Achievements

- 2010 - Introduced behaviour-driven-development and continuous integration to the development team at SureView Systems via Cucumber and Team City respectively.
- 2010 - Co-wrote the open source collaborative fiction site “Collaborific” (source currently hosted on GitHub) using Rails, Cucumber, Shoulda and Heroku.
- 2008 - Worked on a month-long solo project in the US where I independently produced a high-integrity framework for receiving and decoding alarm signals from burglar and fire alarm panels via IP and RS-232. This then went on to pass UL certification (US equivalent of the BA standard) for life-critical reliability.
- 2007 - Delivered several public presentations on technology topics as part of the Swansea University Computer Society’s Lightning Talks events.

### References

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Mr. Sean Bolton The Customs House The Marina Swansea SA1 1RG	Phone: +44 (0) 1792 646071 Connection: Previous Employer <a href="mailto:sean.bolton@caerlas.org.uk">sean.bolton@caerlas.org.uk</a> <a href="http://www.caerlas.org.uk">http://www.caerlas.org.uk</a>