

# Adrian Hayter BSc (Hons)

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PERSONAL      phone: +44 (0)7828 698967      email: [adrianhayter@gmail.com](mailto:adrianhayter@gmail.com)      website: <http://adrianhayter.com>

PROFESSIONAL  
EXPERIENCE      **Assuria Ltd**, Reading, Berkshire, UK

**Security Researcher** (Contract)      **September 2011 - Present**

I performed gap analysis on different operating systems and programmed security checks for use in an auditor product. For a couple of months I performed penetration tests and fuzz tests on the web interface of a product. I developed an automated fuzz tester as a result of this work.

**The Computer Laboratory**, Cambridge, Cambridgeshire, UK

**Summer Intern** (Contract)      **July 2011 - September 2011**

Working with Dr. Eiko Yoneki on a Behavioural Modelling Project for the ESRC (Economic and Social Research Council). My work has so far focused on implementing a WebSocket server in Java, which synchronises multiple web browser clients to allow for simultaneous data comparison.

**Royal Holloway, University of London**, Egham, Surrey, UK

**Science Ambassador** (Part-time)      **October 2010 - July 2011**

I worked as part of a university outreach program to encourage schools in the local area to teach elements of Computer Science as part of their curriculum. I helped create and subsequently ran a lunchtime programming club for year 7 students at Langley Grammar School.

**The Computer Laboratory**, Cambridge, Cambridgeshire, UK

**Research Assistant** (Contract)      **June 2010 - September 2010**

Worked with Dr. Eiko Yoneki on a Behavioural Modelling Project for the ESRC. I was part of a small team that developed a Java application for Android devices which spreads "virtual diseases" amongst mobile phones using Bluetooth. I also created several Bash scripts to extract and analyse the data collected on over 30 mobile devices used in the project.

**Royal Holloway, University of London**, Egham, Surrey, UK

**Programmer** (Contract)      **June 2009 - August 2009**

Working with a fellow student and a Computer Science lecturer, we created a prototype pandemic tracking system using mobile phones. We were invited to demonstrate the prototype to professors at the University of Cambridge, which resulted in me working with them over the next two years.

**James Hay Pension Trustees**, Salisbury, Wiltshire, UK

**Junior Administrator**      **September 2006 - August 2007**

I performed data entry at a large pensions company owned by the Santander Group. As part of their payments team, I had the responsibility of entering payment information on behalf of clients, as well as checking the work of other members of the team. I also spent time updating and creating macros for sorting and printing payment data.

SKILLS

**Communication** - I have excellent communications skills as a result of my employment in a large pensions company, where I was required to communicate with different teams about the different payment options that were provided. I also gained valuable communications skills whilst working as a catering assistant, as I had to regularly talk to customers.

**Teamwork** - I am able to communicate ideas well within a team, and I can take initiative and delegate tasks effectively. I have previously worked in a payments team at a large pensions company, and as part of a second year BSc group project, I was in charge of a small team responsible for the end user design of a social networking site. Whilst I believe that there is always room for discussion in teams, I am able to recognise the wishes of the team leader and work with them to the best of my ability.

**Computing** - I am skilled at using most mainstream operating systems, such as Windows, Mac OS X, and Linux, as well as Linux server variations. I have worked with SQL databases in a non-professional capacity for several years, and took a course at university which used PostgreSQL databases heavily.

**Programming** - I am proficient in both Java and PHP, with some experience in C++, C#, Ruby, Python, and JavaScript. I am able to use various markup and styling languages, such as XML, HTML / XHTML, CSS, and LaTeX, as well as the shell scripting language Bash.

**Driving** - I have held a full, clean, UK driving licence since 2007.

#### EDUCATION

**Royal Holloway, University of London**, Egham, Surrey, UK

**MSc in Information Security**

**September 2010 - Present**

Grade expected: First-class honours.

Modules included:

- Security Management
- Network Security
- Computer Security
- Cryptography and Security Mechanisms
- Digital Forensics
- Security Testing

**BSc in Computer Science**

**September 2007 - July 2010**

Grade achieved: First-class honours.

Modules included:

- Web & Internet Technologies
- Software Security
- Object-Oriented Software Engineering
- Performance Programming
- Operating Systems
- Concurrent & Parallel Programming

#### AWARDS

Masters 3+1 Scholarship, Royal Holloway University of London, July 2010.

#### NON ACADEMIC AWARDS

I completed the Bronze Duke of Edinburgh Award in 2003, and completed the expedition elements of both Silver and Gold Duke of Edinburgh Awards in 2004 and 2005 respectively.

#### INTERESTS

I enjoy learning about aspects of Information Security, and furthering my knowledge in such areas through self study. I like to stay on top of the latest technologies in the world, especially those on the web. In my spare time, I like to play squash, go swimming, or ramble in the countryside with my family. I am an active thrill seeker, and enjoy going to theme parks. I also participate in a number of online communities, and spend as much time as I can on my own development projects concerning areas of Computer Science and Information Security. I have recently started writing a small blog on Information Security as well.

#### REFEREES

**Dr. Eiko Yoneki**

EPSRC Research Fellow  
University of Cambridge  
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**Mark Dorling**

Digital Schoolhouse Coordinator  
Langley Grammar School  
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**Dr. Chris Watkins**

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