

# Peter Williams

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▶ Electronic Portfolio: [www.technoid.net](http://www.technoid.net)

## Objectives

I am an enthusiastic Computing graduate with a strong ambition to develop a career in digital forensics. An impressive academic record, coupled with relevant work experience, demonstrates my commitment to further personal development.

## Education

### University of Portsmouth

#### **MSc Forensic Information Technology (TBC Sept 2008) Predicted Classification: **Distinction****

- ▶ Digital Forensics:
  - ▶ The development of guidelines & procedures to seize evidence from the University's 'forensic house'.
  - ▶ Imaging and analysis of evidence with AccessData FTK & PRTK, Helix and Linux commands.
  - ▶ Presentation of a court report as an expert witness in a mock trial.
  - ▶ Additional report written on the types of Metadata found in portable devices.
- ▶ Criminology:
  - ▶ Cybercrime and its legislation and governance in the UK.
  - ▶ The concept of risk management and its development throughout history.
  - ▶ Psychological profiling and how it is employed to locate and catch offenders.
- ▶ Technical Expertise:
  - ▶ The vulnerabilities that allow attackers to exploit or damage a seemingly secure network.
  - ▶ Network forensics and the techniques used in detecting and catching remote offenders.
  - ▶ Cryptography and cryptanalysis basics, from the basic Caesar cipher to modern Public Key Cryptography.

#### **BSc (hons) Computing (2003 – 2007) Classification: First Class**

- ▶ Synopsis: Throughout the degree several fundamental disciplines were studied, including programming in Java, networking, systems analysis, project management and computer architecture. This was coupled with the ability to study extra options, for example data warehousing, HCI, 3D modelling and the history of computing.
- ▶ Dissertation: An investigation into the use of electronic portfolios in recruitment and selection.
  - ▶ Prototype web application developed, allowing students to create their own recruitment portfolio without knowledge of web design/development. User evaluation then produced recommendations for a final application.
  - ▶ Received a warm reception from several recruiters & won the *Pearson Education Prize for best Strategic IS project*.

## Experience

### **Web Developer** (September 2006 – Present) **Paragon Processing Solutions Ltd** – [www.paragonpsl.com](http://www.paragonpsl.com)

- ▶ Development and implementation of a Content Management System in PHP with a MySQL database to give staff the ability to manage their own product catalogue and maintain an up-to-date site.

### **Applications Developer (August 2005 – August 2006)** Royal Navy Intelligent Customer Group (Portsmouth)

- ▶ Developed statistical analysis application for the input, analysis and evaluation of Naval Training questionnaires in VBA and SQL for Microsoft Access 2003. The application presented quantitative training feedback in graphs and spreadsheets, whilst allowing officers to drill down into specific areas of training to investigate qualitative responses.
- ▶ Other duties included managing the training network and supporting staff with general IT enquiries.

### **Student Guide** (2004 – 2008) **University of Portsmouth**

- ▶ A marketing role introducing prospective students and guests to the University, leading coach tours of the city and walking tours of the department, taking presentations and answering questions.

## Hobbies, Interests and other credentials

- ▶ A snowboarder for 8 years, webmaster and communications officer for the University's Ski and Snowboard Club, successfully marketing the trip to France online resulting in all 240 spaces filled. Visit [www.pompeysnow.co.uk](http://www.pompeysnow.co.uk).
- ▶ Full, clean UK driving licence. ▶ Signed official secrets act declaration.