

Michael Horn

Address: 80 Nicholas Gardens, Lawrence Street, York, North Yorkshire, YO10 3EY

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Email: horntown@gmail.com **Date of Birth:** 16 August 1980

Website: www.michaelhorn.co.uk

Education:

2004-2005 **MSc in Information Processing**
Department of Computer Science, University of York

Skills and experience:

(Gained from working in Windows, Linux and Mac environments)

- **Database design and implementation with MySQL**

I have gained knowledge of all stages of database creation, from diagrammatic modelling and normalization, to coding, querying and maintenance.

- **PHP, HTML and JavaScript web programming**

I have become proficient in these web technologies, developing websites that involve client and server-side scripting. I have also focused upon the connectivity between PHP and databases for dynamic content and the storage of data.

- **Java programming**

My knowledge of this versatile and portable language has increased through the completion of several assignments, including the creation of a system that interacts with a flat-file database.

- **Software engineering with UML**

I have obtained knowledge of software development lifecycles and models. I have used Rational Rose extensively for the production of UML conceptual and design diagrams and documentation for personal project and group-work purposes.

- **Networking**

This course has boosted my understanding of networks, from the physical to application levels using Ethernet and Wireless technologies.

- **MS Office and Adobe Photoshop**

I am proficient in the usage of these industry standard packages.

Research Project Title: Web-based support for managing telephone interviews

In response to the need for automated management of applicant interviews in the University's Department of Computer Science, this project required the creation of a central system that could store relevant data and produce a schedule of interviews for a six-month period. A software engineering approach was taken for the project. A MySQL database was created for storing applicant and staff data, and two separate scheduling algorithms were implemented using PHP, with a web front-end designed in PHP and HTML.

- 1998-2001 **BA (Hons) Classical Studies, 2:1 Class Honours**
Department of Classics, University of Newcastle-Upon-Tyne
- 1991-1998 **3 'A' Levels - English Literature (A), Classical Studies (C), History (C)**

9 x GCSEs (A – C) Including English, Mathematics and Science
Richmond School, Darlington Road, Richmond, North Yorkshire

Employment Summary:

November 2005 – April 2006

Freelance Web Design

I designed and built a website for racehorse trainer David Barker. This project required the construction of a database back-end to the website and development of easy to use forms for frequent user updates:

<http://www.davidbarkerracing.co.uk>

I have also produced a website for commercial haulage firm Chas. Long & Son Aggregates Ltd.:

<http://www.chaslongaggregates.co.uk>

March 2004 – October 2004

March 2003 – November 2003

English Heritage, Richmond Castle, North Yorkshire
Seasonal Custodian

As a Seasonal Custodian with English Heritage, teamwork was essential to promote the work of the organisation, and to ensure that visitors had an interesting and pleasurable visit. I was often left in charge of admissions, which required excellent communication skills, due to constant interactions with the public. Another responsibility of this position was the production of promotional material for the organisation.

March 2002 - Nov 2002

Lightwater Valley, Ripon, North Yorkshire
Senior Ride Operator, Theme Park work

As a Senior Rides Operator at Lightwater Valley, I was frequently required to work as part of a team in order to maintain the smooth and safe running of the park. Good communication skills were essential, to explain instructions and Health and Safety issues to the public, and to also deal with complaints and difficulties calmly and professionally. I had to become proficient with the operation of many unfamiliar machines, and had to deal with customers' problems in a calm and efficient manner.

Other Skills and Interests:

I have a full, clean UK driving licence and my own car.

Aside from my academic studies at Newcastle University, I also stood as head of the Classics Department society, taking on the responsibility of running the society and organising social events.

I enjoy snowboarding regularly. I am also a keen walker and often go on hikes in the Yorkshire Dales and the lake district.

Referees:

(MSc supervisor)

Dr S. O'Keefe
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(Former manager at Richmond Castle)

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