Michael Walker

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Work Experience

July 2012 — Work experience at Department of Computer Science, University of York
Use and analysis of data-mining tools.

August 2010 — Work experience at Arrival Design
Website development in PHP and XHTML, including migration of code from ASP to PHP.

Free Software Contributions

2010+ — Project Leader, Arch Hurd
Website and server maintenance, managing development team, compiling and maintaining software, producing installation media.

2009+ — Web Developer, Uzbl
Maintenance of website. Additionally, the website runs on a VPS I maintain.

2009+ — Web Developer, GNU Project
Resolution of website issues as they arise, as part of a team of other maintainers.

2009 — Developer, Uzbl
Implementation of various early functionality in a small development team, using C and Git.

Education

2010+ — MEng (Computer Science), **University of York**, UK
Ongoing, due to graduate in 2014. Details

2008–2010 — A Levels, **Hymers College**, UK
Achieved grade A in Further Mathematics, Mathematics, and Physics. Achieved grade C in ICT.

2008–2010 — AS Levels, **Hymers College**, UK
Achieved grade A in Computing. Achieved grade C in Psychology.

Publications and Presentations

Feb 2013 — Holistic Mathematics: An Exploration into Category Theory at TMT 2013
An introduction to category theory and its applications given with Stijn S. C. Hanson.

Academic Interests

Functional programming languages; type systems; formal correctness of systems; computer architectures; operating systems; theory of computation.

References

Dr Dimitar Kazakov
Academic supervisor
kazakov@cs.york.ac.uk

Details

MEng (Computer Science), University of York, UK

Module Title	Result	Credit
First Year		
Human Aspects of Computer Science	66%	20
Introduction to Computer Architectures	57%	15
Mathematical Foundations of Computer Science	81%	20
Theory & Practice of Programming	87%	20
Skills, Knowledge & Independent Learning	100%	5
Digital Architecture Circuits & Systems	51%	30
Numerical Analysis	75%	10
Overall Result	83%	120
Second Year		
Principles of Programming Languages	76%	20
Systems Software & Compilers	59%	30
Software Engineering Project	69%	30
Artificial Intelligence	51%	20
Computability & Complexity	61%	10
Vision & Graphics	46%	10
Overall Result	74%	120