

HARRY MILLS

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EDUCATION AND QUALIFICATIONS

University of York

October 07 - present

MEng Computer Systems and Software Engineering (expected graduation July 2012)

Current Average - 73.5%

First Year - 72.1%

Second Year - 66.5%

Third Year - 77.7%

PROFILE

A versatile and skilled individual with a wide range of experience in software development. I am very self motivated and a quick and able learner, easily able to apply myself to new tasks and problems.

EXPERIENCE

University of York, Computer Science Department

June 2011 - Present

Software Development

I am currently developing a web based front end to an existing system for solving the task allocation problem for multiprocessor systems using simulated annealing. This involves developing an accessible and easy to use interface for data entry and a server process to control the existing application and provide feedback to the user while it is running.

DESIGN360

August 10 - September 10,

December 2010 and April 2010

Computer Support

I returned to DESIGN360 during the university holiday periods to provide computer support and maintenance. During this time I upgraded the company computer systems to Windows 7, configured a Windows domain and set up VPN access for several employees.

BAE Systems

July 09 - July 10

Research Associate

I completed a year in industry working at BAE Systems as part of my degree course. I worked in the Human Factors department in their Advanced Technology Centre on a variety of projects including the continued development of an in house tool for conducting human factors experiments, working on a team to develop software to support the UK Sport initiative and developing an improved GUI for controlling an autonomous vehicle platform.

Greenerlamps at DESIGN360

August 08 - September 08

Web Developer

Designing and developing a company website for a new venture from a local lighting design company. The site contained information on product families and projects the company was working on using those products. For this I used the Django web framework and the Python programming language.

Skills & Achievements

BAE Systems Chairman's Bronze Award (nominated for a silver award)

A project I worked on during my placement year received a Chairman's Bronze Award and was nominated for a silver award.

Chair - hackSoc (University Computer Science Society)

For my second, fourth and final years at university I have been Chair of the university's computer science society, hackSoc, which had previously died out. As Chair I am responsible for the ongoing running of the society and have organised numerous well attended events ranging from programming contests to socials in town and board-gaming nights.

Completed the Link Community Development Hitch to Prague

During my first year at university I took part in the LCD's Prague Hitch with two friends.

Spent two months abroad on a marine conservation project

In my gap year before university I spent two months in the Philippines working on a marine conservation project with Coral Cay Conservation.

Programming Languages

Proficient with a wide range of programming languages including Java, Python, PHP, SQL, (X)HTML, CSS and Shell Scripting.

Familiar with many others, including C++, C, Scheme, Haskell, Prolog, Perl and Visual Basic.

Accustomed with several formal specification languages including CSP and Alloy.

Operating Systems

10 years experience with GNU/Linux in both desktop and server environments including familiarity with the command line.

Adept Windows 7, XP and Vista user with knowledge of Windows 98, ME, 2000 and NT.

Software

Familiar with many common server applications including Apache, MySQL, PostgreSQL, BIND, DHCPD, Open-SSH, DHCP and FTP.

Practised in the use of common Unix software such as ssh, ftp, the GNU tools, LaTeX and the Vim text editor.

Key Skills

Great problem solving and analytical skills.

Good at working in a team.

Excellent at communicating.

REFERENCES

- Mr Jon Baker DESIGN360
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 - +44 (0) 7887 948184
- Mr Kelvin Davies BAE Systems
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