Ross Meikleham – CV

Address	2/2 293 St Georges Road, Glasgow, G3 6JQ	**Mobile Phone**	(+44) (0) 7587220100
		Email	RossMeikleham@hotmail.co.uk
Date of Birth	8th November 1992	**Github**	https://github.com/RossMeikleham

Education

Sep 2011 - Present
University Of Glasgow
Master in Science (MSci) Computing Science and Mathematics

Expected to graduate July 2016

Awards:

- O'Reilly Academic Prize for Best Overall Performance in Assessed Coursework in level 1 Computing Science in Session 2011-12
- Level 4 Combined Honours Class Prize

Sep 2009 - Jul 2011
Shenley Brook End Sixth Form
A Levels

Grades:

- *Computing* - A*
- *Mathematics* - A*
- *Further Mathematics* - A

Awards:

- Young Programmer Of The Year 2010 - 2011

Work Experience

Oct 2015 - Present
University Of Glasgow
Assignment Marker

Currently I'm aiding the school of Mathematics and Statistics in marking and providing feedback in exercises for second year students in their pure mathematics and linear algebra courses.

Jun 2015 - Aug 2015
Toshiba Medical Visualization Systems Europe (TMVSE)
Software Engineering Intern

Over the course of my 13 week internship at Toshiba I developed a performance monitoring tool for one of their key infrastructure systems. This was intended to help pinpoint specific areas of their system which could be causing potental bottlenecks.

Technologies: C++11, Javascript, Qt, Mercurial, Visual Studio.

Nov 2013 - Apr 2014
Farmgeek
Android Developer Intern

During my 3rd year at Glasgow University I worked 1 day a week at Farmgeek helping to develop a prototype Android application called Agricountant. This application was a stock control management system for livestock farms,that helps farmers measure their farms' performance and improve animal welfare standards.

Technologies: Java, Android, Git, Gradle, Linux.

Jul 2012 -	Gulliver's Theme Parks
Aug 2012	*Ride Operator*

Over the summer of 2012 I worked as a Ride Operator at Gulliver's Land, this involved a number of responsibilities, including:

- Following device maintenance and safety procedures to ensure the safety of guests on the rides.
- Assisting guests with any queries they may have.
- Responding to emergency situations effectively and reporting these to a manager in a timely manner.

Open Source Projects

2014 -	Gameboy Color Emulator
Current	*https://github.com/RossMeikleham/PlutoBoy*

A portable Gameboy Color emulator written in C, built as a hobby project.

2014 -	Design And Compilation Of A Front End Language For The Glasgow Parallel Reduction Machine
2015	*https://github.com/RossMeikleham/GPC (Code Repository)*
	https://github.com/RossMeikleham/Dissertation (Project Dissertation Repository)

For my honours year project at the University of Glasgow I designed a language called GPC; which is a subset of C++11 extended with a couple of new keywords to specify parallel or sequential evaluation of statements in blocks of code. The language is essentially a parallel evaluated communication language which manages composition of ordinary C++ code. I wrote the compiler using Haskell.

Skills

Languages

- *Proficient In* - **C, C++, Java, Haskell**

- *Familiar With* - **Python, Javascript, Matlab, Idris, Pascal**

Software Engineering

- *Version Control* - **Git, Mercurial**

- *Unit Testing* - **JUnit(Java), HUnit(Haskell), Qt Test(C++)**

- *Continuous Integration* - **Travis CI (Used for personal/open source projects), Jenkins (used in software development university course)**

- *Agile Methodologies* - **Test Driven Development(TDD)**

Linux

- *Distributions* - **Fedora, Arch Linux**

- *Shells* - **Bash, Zsh**

Other

- *Frameworks* - **Qt, SDL**

- *Other Technologies* - **Vim, LaTeX**

Interests

Functional Programming, Open Source Development, Linux, Parallel Programming

References can be provided upon request