WILL SUTHERLAND

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github.com/wgpsutherland

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Education

2012 -	The University Of Sheffield — Computer Science BSc Ranked 1st in the year in 1st and 2nd year.
2005 - 2012	The Perse School, Cambridge 3 A*s at A2, 5 As at AS and 10 GCSEs including 8 A*s.

Awards

2015	BCS Eliot Chiat Prize for Best Overall Performance at Level 2 — University
2015	IBM Software Hut Prize & Client Software Hut Prize — University & sideways6
2014	recognised@HP Commendation — Internship at Hewlett-Packard
2014	Wiley & Sons Prize for Best Overall Performance at Level 1 — University
2014	epiGenesys Scholarship for Outstanding Academic Achievement — University
2014	Global Engineering Challenge: Best Overall Solution — University

Employment

Summer 2015	Intern — Hewlett-Packard, HP Autonomy, Cambridge, UK (10 weeks) Aided research into server scaling. Created a system to monitor load on HP's Haven On Demand servers and send data to a real-time graphing system. Both using Node.js.
Summer 2014	Intern — Hewlett-Packard, HP Autonomy, Cambridge, UK (10 weeks) Created an application to illustrate the search capabilities of HP's Big Data products, well received by the Executive Vice President of HP Software. Created an API and accompanying CMS to track updates for HP IDOL servers using Node.js and MySQL.
Summer 2013	Front of House — The Hole in the Wall Restaurant, Lt. Wilbraham, UK

Projects & Skills

2015	SideRank Ruby on Rails application for business employees to evaluate solutions to challenges proposed by their employer, for the company sideways6. Chosen as the best piece of software by the client and The University Of Sheffield.
2014 - 2015	Gradients — gradients.herokuapp.com Full stack web application using Backbone.js, Node.js and PostgreSQL. Used by classmates to store grades and monitor progress.
2014 -	Many other projects and open source contributions on github.com/wgpsutherland

Professional experience using JavaScript, Node.js, Backbone.js, Ruby on Rails, MongoDB, MySQL, RabbitMQ, Graphite, HTML5, CSS3, Git, Linux and Windows.
University experience using Java, Python, PHP, Haskell and Mac OS X.
Personal experience using PostgreSQL and CoffeeScript.

Extra

2015	**Cisco IoE Challenge Hackathon**	
	Chosen to represent The University Of Sheffield for the event at Media City.	
2013 -	Sheffield University Men's Hockey Club & Computer Science 6-aside Football Team	
2013 - 2015	Staff Student Liaison Committee — Computer Science, The University Of Sheffield	
	Elected as 1st and 2nd year representative, with a duty to collate the opinions of my peers and present to the academic department.	
2011	Ladakh — Perse Exploration Society	
	2 weeks volunteering in a school & 2 weeks summiting *Stok Kangri* (6,100m) in the Himalayas.	
2010	Sweden — Perse Exploration Society	
	2 weeks canoeing through the lakes of Sweden, culminating in a 24 hour survival exercise.	
2011 - 2012	Pastoral Prefect — The Perse School	
2006 - 2012	Senior Pupil Librarian — The Perse School	