

# WILL SUTHERLAND

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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 Slack Connect 4 Bot - [github.com/wgpsutherland/slack-connect-4-bot](https://github.com/wgpsutherland/slack-connect-4-bot)  
Node.js bot for playing Connect 4 on the team collaboration tool, Slack. The project was trending on Github (receiving over 6,000 page views and 60 stars), was featured on [TheNextWeb.com](https://TheNextWeb.com) and was successful on [ProductHunt.com](https://ProductHunt.com).

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](http://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](https://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-side 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