

# Angus Pearson

University of Edinburgh Undergraduate

Email: [a7cp3ar5on@gmail.com](mailto:a7cp3ar5on@gmail.com)

Web & Portfolio: <http://toaster.cc>

GitHub: <https://github.com/AngusP>

LinkedIn: <https://uk.linkedin.com/in/anguspearson>

Nationality: British and Australian

## Education

2013-2017 BSc (Hons) Computer Science & Artificial Intelligence, University of Edinburgh

*Currently studying, graduate June 2017*

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Abridged Course List:

*Intelligent Autonomous Robotics*

*Machine Learning Practical*

*Algorithmic Game Theory and its Applications*

*Scalable Data Management Systems & Extreme Computing*

*Human-Computer Interaction*

*Artificial Intelligence Practical*

*Computer Architecture & Operating Systems*

*Inf2B – Algorithms, Datastructures, Learning*

*Inf2D – Reasoning and Agents*

2011-2013 A Levels, Pangbourne College

## Work & Experience

Jun 2016 - present Robotical LTD Software & Hardware Engineer

*Developed the main control board for the robot, using an ARM Cortex M4 microprocessor as part of a Summer 2016 internship. I am continuing to develop the firmware, as well as the electronics running on the circuit board.*

<http://robotical.io/>

2013 - present Tardis Project System Administrator

*The project is a long running student-led systems and network administration ‘sandbox’ with roughly 760 registered users. Administration involves hardware management, virtualisation, networking, service deployment and maintenance. Since beginning work on the project a full migration onto new hardware has been completed.*

<http://wiki.tardis.ed.ac.uk>

Dec 2014 - Jun 2015	<p>Full Stack Web Freelance, GPB Consulting Ltd. (Content Analysis Web Application)</p> <p><i>Development of a Natural Language processing (NLTK) and Python backend, deployed on Heroku. The web app provides a set of market-leading measures of written content readability and complexity, used by the company in providing reports for clients. It is to my knowledge the most complete collection of these metrics on the web.</i></p> <p><a href="http://ca.gpb.eu">http://ca.gpb.eu</a></p>
Sept 2014 - May 2015	<p>CompSoc President (Edinburgh University Computing Society)</p> <p><i>This position included the organisation of two large hackathons, 'Hack the Burgh' (Major League Hacking) and 'The Smart Data Hack', as well as event management, financial management, logistics, marketing and sponsorship negotiation with companies including Google, Microsoft, Amazon DCS, Bloomberg and Accenture.</i></p> <p><a href="http://comp-soc.com">http://comp-soc.com</a> – <a href="http://hacktheburgh.com">http://hacktheburgh.com</a> – <a href="http://smartdatahack.org">http://smartdatahack.org</a></p>
2014-present	<p>Edinsolar - University of Edinburgh Solar Car Project Firmware team lead</p> <p><i>Initially I was on the Web Team and developed the frontend of the project website. Current roles include firmware team management, co-operation with the Electrical and Business teams, developing firmware for the vehicle's control systems, and development of any design or logistical software required.</i></p> <p><a href="http://edinsolar.org">http://edinsolar.org</a> – <a href="https://github.com/EdinSolar">https://github.com/EdinSolar</a></p>
2012	<p>Arkwright Scholar at Stannah Lifts Group</p> <p><i>The scholarship included a 2 week internship where I developed a MP3 backed electronic sounder for a lift, that allowed sound profiles to be easily loaded via a SD card. This extended the functionality of the existing system which only produced a couple of tones to indicate state.</i></p> <p><a href="http://www.arkwright.org.uk/">http://www.arkwright.org.uk/</a></p>
2011-2012	<p>Frontend Web Freelance, GPB Consulting Ltd. (Main Company Site)</p> <p><i>Development of a WordPress site for the company, with some extended functionality to handle monthly Journal publications.</i></p> <p><a href="http://www.gpb.eu">http://www.gpb.eu</a></p>

## Relevant Skills

### PROGRAMMING LANGUAGES

Python, C, HTML5, CSS3

*Confident, multiple coursework assignments and own projects*

C++, Haskell, JavaScript

*Moderate experience, multiple coursework assignments or previous work*

### FULL PROJECT WORK AND PORTFOLIO

<http://toaster.cc/portfolio>

### OTHER

Linux System Administration, Basic digital electronics, Verilog (Hardware Description Language).  
Completed the DofE Gold and Bronze awards.

Last updated: November 15, 2016