

Angus Pearson

University of Edinburgh Undergraduate

Email: a7cp3ar5on@gmail.com

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

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

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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 & Electronics Engineer

Continuing to work as a software engineer (Web) during-semester. Developed the main control circuit board for the robot, using an ARM Cortex M4 microprocessor as part of a Summer 2016 internship.

<http://robotical.io/>

Sept 2013 -
present

Tardis Project Systems 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 Full Stack Web Freelance, GPB Consulting Ltd. (Content Analysis Web Application)
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.
<http://ca.gpb.eu>
- Sept 2014 - May 2015 CompSoc President (Edinburgh University Computing Society)
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.
<http://comp-soc.com> – <http://hacktheburgh.com> – <http://smartdatahack.org>
- 2014-2015 Edinsolar - University of Edinburgh Solar Car Project Firmware team lead
Initially I was on the Web Team and developed the frontend of the project website. Roles included 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.
<http://edinsolar.github.io/> – <https://github.com/EdinSolar>
- 2012 Arkwright Scholar at Stannah Lifts Group
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.
<http://www.arkwright.org.uk/>
- 2011-2012 Frontend Web Freelance, GPB Consulting Ltd. (Main Company Site)
Development of a WordPress site for the company, with some extended functionality to handle monthly Journal publications.
<http://www.gpb.eu>

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 28, 2016