Angus Pearson

University of Edinburgh Undergraduate

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DoB: 1995-02-18
Nationality: British and Australian dual national

Education

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

Currently studying

2011-2013 A Levels, Pangbourne College

Mathematics	A
Chemistry	A
Physics	B

Work & Experience

Jun 2016 - present — Robotical LTD Firmware & Electronics Engineer
Developed the main control board for the robot, using an ARM Coretex M4 microprocessor. I am continuing to develop the electronics, as well as the firmware running on the board controlling the robot's movement and interpreting commands.
http://robotical.io/

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-present

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. 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.
http://edinsolar.org – https://github.com/EdinSolar

Jun 2014 - Sept 2014

Front-end Web Freelance, Diamond Minding Ltd.
I developed a website for the company to help them grow their business and present their services. Note that the site has been handed over but is undeployed as the company is not currently operating.
http://diamondminding.github.io

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

C, Haskell, Python, HTML5, CSS3
Confident, multiple coursework assignments and own projects
Java, PHP, C++
Fairly confident, multiple coursework assignments or previous work

Other

Linux System Administration
Confident, daily use
Basic digital electronics, Verilog (Hardware Description Language)
Fairly confident, Coursework and personal time

Extracurricular

Completed the DofE Gold and Bronze awards.

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