

MICHAEL PERAN TRUSCOTT

SOFTWARE DEVELOPER

ABOUT

MICHAEL PERAN TRUSCOTT

SOFTWARE DEVELOPER, BIRMINGHAM

I have worked in positions for a range of companies, from internationally renowned to local not-for-profits. I also undertake contract work and volunteer in computer science community outreach. My side projects have ranged from constructing 3D printers to creating a home music studio.

SKILLS

LANGUAGES

Java C
Python C++
Javascript Haskell

LIBRARIES

OpenGL Django
ThreeJS
P5.JS

TOOLS

Git JIRA
SVN Jetbrains
Puppet

SOFT SKILLS

Presenting Time management
Agile Socially confident
Team player

EDUCATION

2015 - 2018

UNIVERSITY OF BIRMINGHAM

BSC COMPUTER SCIENCE

First year average 1:1 and a second year average of 2:1
Including 89% in Functional programming.

2013 - 2015

HILLS ROAD SIXTH FORM COLLEGE

AS-LEVEL, A-LEVEL

A2 - Mathematics A*, Physics A, Computing B

AS - Further Mathematics B

EPQ - A* - Making gaming accessible for the visually impaired

EXPERIENCE

JULY 2017 - PRESENT

UNIVERSITY OF BIRMINGHAM, IT SERVICES

RESEARCH SYSTEMS ADMINISTRATOR

I am co-developing the user portal for the University of Birmingham's BEAR Cloud and other super-computing clusters.
Tech used: Python, Django, Javascript, HTML, CSS

JUNE - JULY 2017

MILLENNIUM POINT

CONTRACT SOFTWARE DEVELOPER

I co-created LINC (<http://lincgraph.co>), a 3D visual networking tool, for MP's CONNECT launch.

Tech used: Python, Django, HTML, CSS, ThreeJS

SUMMER 2016

BAE SYSTEMS APPLIED INTELLIGENCE

GRADUATE SOFTWARE DEVELOPER

I created the proxy management system, which was deployed into the internal network, including: requirements gathering; documentation; and stakeholder demonstration. I was SC cleared for this post.

Tech used: Python, Django, Puppet, Bash (Cron etc.)

AWARDS

BEST USE OF BLOCKCHAIN TECHNOLOGY

HACK THE NORTH, WATERLOO, CANADA

I co-created Pedalo, an app used for verifying users credentials such as drivers licenses on the Ethereum blockchain.

BEST USE OF AMAZON WEB SERVICES (AWS)

HACK THE HOLIDAYS, PETERBOROUGH

I co-created a Twitter festivity meter at this Christmas themed hackathon. We were additionally awarded second place.

FINALIST & CAPGEMINI PRIZE

ASTONHACK, ASTON UNIVERSITY

I co-created 'TwEAT', a Twitter influence visualization tool using Java, where users control their avatars by tweeting.

BEST USE OF OPEN TRANSPORT NET DATA

BRUMHACK, UNIVERSITY OF BIRMINGHAM

I created a frogger-esq game that uses OTN data to populate its traffic in real time.

DEVPOST

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