

Daniel Hassan | Data Analyst & Web Developer

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Technical Skills

Algorithm Design, AngularJS, AJAX, Apache, BackboneJS, Big Data Analytics, Bitcoin, Blockchain, Cassandra, Collaboration tools, Cucumber, CSS3, FoundationJS, Git, Github, Hadoop, HTML 5, Javascript, JQuery, Linux, Linux/UNIX Systems Administration, MapReduce, MySQL, NoSQL, Padrino, Phantom, PostgreSQL, R, REST APIs, Rspec, Ruby, Ruby on Rails, Scala, Scalatra, Selenium, Shoulda, Sinatra, Spark, SQL, SQLite, Test Driven Development, VIM, XML

Personal Qualities

Self motivated | Technically minded | Creative | Communicative | Interdisciplinary

Experience

Data Researcher | Logistical Worlds | logisticalworlds.org

November 2015 – Present.....

Responsible for delivering web platform & mobile app, multimedia map and data analytics archiving research material for Institute for Culture and Society, University of Western Sydney.

http://www.uws.edu.au/__data/assets/pdf_file/0008/776618/Logistics_as_Global_Governance_flyer.pdf

Software Engineer | Listening to Climate Change | listening.cc

March 2015 – Present.....

Responsible for delivering web platform & mobile app, multimedia map and data analytics archiving research material for Vice Chancellor Fellowship, AUSCCER, University of Wollongong.

Chief Network Officer & Co-founder | Robin Hood Services | robinhood.services

Oct 2014 – Present.....

Data analysis for distributed capital financial services provider. Providing P2P investment-banking services, bootstrapping a new millennial business model and blueprinting new social architecture.

Data Analyst & Software Engineer | Robin Hood Coop | robinhoodcoop.org

Oct 2014 – Present.....

Responsible for the development and maintenance of 10 web applications and data analysis of the network data and financial statistics.

Consultant Software Engineer & Data Analyst | Dyne Think (&Do Tank) | dyne.org

Oct 2014 – Present

Resident consultant advising on digital currency experiments to foster direct democracy across Europe. As an open-source approach to decentralized complementary currency design, Dyne works with grassroots organisations experimenting with digital social currency. Through this work, Dyne shows how human decisions deeply influence the behaviour of algorithms and seeks to place anti-racist, anti-classist and anti-sexist values at the heart of algorithm production.

Consultant & Data Analyst | D-CENT | tools.dcentproject.eu

Oct 2014 – Oct 2015

MSc thesis: 'Assembling data: An application for understanding and analysing the block chain beyond cryptocurrency' formed a key research component of D-CENT, an EU funded Europe-wide project creating privacy-aware tools and applications for economic empowerment. Together with EU citizens and developers, the project aims to build a decentralised social networking platform for large-scale collaboration and decision-making.

Full-stack Web Developer | We Got Coders | wegotcoders.com

May 2014 – July 2014

Completed a six month immersive Full Stack Web Development training programme specialising in Ruby whilst working on Open Source Social Networking platform Diaspora*.

Web Developer | Dan Hassan | danhassan.org

Jan 2009 – July 2014

Building and hosting web sites for small-medium enterprises, academics, community groups and individuals.

Systems Administrator | Left Bridge Workers Co-op

Jan 2009 – July 2014

Community Linux Systems Administrator | Administering a shared server from the command line. Providing hosting for community and commercial projects.

Printer & Web Developer | Footprint Worker's Co-op | footprinters.co.uk

Jan 2007– Jan 2009

Building and hosting Wordpress/Joomla sites for various SME's, academics, community groups and individuals. Also involved in physical print making and print-ready design in Adobe.

Technical Support Officer | Rootstock | rootstock.org.uk

Jan 2007 – Jan 2009

An ethical investment society. Contract held as part of duties at Footprint. Providing 1st, 2nd and 3rd line technical support to committee members, shareholders and third parties.

Education

University of London Birkbeck College | Sept 2014 – Sept 2016

MSc Advanced Computing Technologies & Data Analytics

A specialist postgraduate degree focusing on advanced computing technologies, data science and data analytics.

We Got Coders | May - July 2014

Full Stack Web Development Training

Web training program, delivered over two phases, combining hands-on training with real-world development experience in a Ruby / Rails team, working under the mentorship of an experienced senior developer.

City London University | May – June 2011

Linux Network & System Administration

Course covering reading/writing administrative scripts using PERL, applying Network Security and configuring firewalls.

Aktivix & Tachanka | Jan – Mar 2011

Linux Administration Course

Course covered router set up, basic console, BASH shells, editors and package management.

UK Permaculture Association | Sept 2007 – Sept 2008

Permaculture Designers Diploma (High Distinction)

University of Leeds | Sept 2006- Sept 2009

Chinese Language Degree (2.1)

Shandong University of Technology | Sept 2003 – Aug 2005

Chinese Diploma (2.1)

Woodhouse College | 2001 -2003

Biology (A), Chemistry (A), Maths (B), English Lit (A)

St Ignatius College | 1997 -2001

Chemistry (A), Biology (A), Physics (A), English Lit (A), English Lang (A*), Geography (B), History (A), Maths (A), Statistics (A), Latin (B), French (B)

Interests & Hobbies

I am a qualified bicycle mechanic (Cytech) and combine bicycle maintenance and building with community outreach and teaching in vulnerable communities (Maribynong Detention Centre, ? Housing estate 56A, Pedallers Arms). I am also a qualified Permaculture Landscape/Systems Designer. I have extensive experience organising in housing and worker co-operatives and worker controlled businesses (Radical Routes, Footprint, Food Not Bombs, Robin Hood, DYNE, D-CENT).

References

Available upon request