

LUKEMITCHELL

CURRICULUM VITAE

Updated September 29th 2017

ABOUT ME

A software developer, UI designer, technology consultant and a blue-sky thinker. I've worked as a cryptocurrency developer for a number of small FinTech startups and as a website freelancer for multiple small businesses. A creative thinker, I'm self motivated and an experienced team leader. I've developed a hobby operating system, several cryptocurrencies and a magnetic stylus for guiding the user as they point. I speak basic German.

I enjoy travelling, climbing, taking photographs and yoga. I've cycled 2400 kilometers across the Alps, and I've hitchhiked across Europe. I'm an environmentalist, a climate-change activist and a keen vegetarian cook.

You can find me online at www.lukemitchell.co, www.github.com/lukem512 and at uk.linkedin.com/in/lukemitchell2016.

EMPLOYMENT

Enki

July 2016 to July 2017 (1 year)

I worked as a full-stack developer with Enki, developers of a microlearning app for teaching developer skills. I began by using JavaScript, CSS and React to create a hybrid iOS/Android application within a small team. We then rewrote the application using React Native. The role also included website and database admin, toolchain development and feature design.

Skills: *Node.js, React, React Native, web, back-end, front-end, gamification*

University of Bristol: Research Contractor

May 2016 to July 2016 (6 weeks)

I was enlisted by my dissertation supervisors to assist a research project after the completion of my degree. The project, named *IODiCUS*, involved creating a generic gateway to be used for the intelligent analysis of power usage and generation across the university estates, with the aim being a reduction in consumption and cost. During this time I created test frameworks, performed refactoring and aided in design decision-making.

Skills: *Software design, Linux, Python, Node.js, Docker*

Technology Consultant

February 2014 to date

I am currently working as a freelance consultant, specialising in developing cryptocurrency applications for FinTech startups. I have worked with other developers and, latterly, as a technical adviser to launch products including a gold-backed blockchain, an encrypted messenger with an integrated wallet and an array of supporting software. My recent clients include Mothership.cx, The Real Asset Co. and StartCOIN Holdings Ltd.

Skills: *Software design, UI, JavaScript, C++, web, mobile, cryptocurrency*

Cambridge Consultants: Technology Scholar

September 2010 to September 2012 (1 year, 3 months)

I spent a year working as an intern with Cambridge Consultants before starting my degree. During this time I was a member of several internal development teams including an intern-led project developing a 'whitespace' WiFi network. I returned the

following summer to work for the business following my first year of University. During this time I worked on a variety of client projects including a testing framework for the Highways Agency, a UI mockup for Novartis and a survey framework. During my time there I billed more client hours than any previous Technology Scholar.

Skills: *Software development, project organisation, C#, PHP, Linux, wireless*

VOLUNTEERING

Feed Bristol

I am currently volunteering at the Feed Bristol project, an organisation promoting sustainable agriculture, wildlife conservation and education about the ecosystem. The project runs as a smallholding and the daily tasks include digging and plot management, harvesting, seed saving, seed sowing and conversation. I have been attending the project three times weekly.

Hungry Caterpillar Food Co-op

September 2012 to June 2016 (3 years 9 months)

I was the president of a student not-for-profit co-operative. The organisation helps students make ethical food choices by providing a weekly pop-up shop selling organic and fairtrade produce, sourced from local suppliers. The co-operative has dozens of members and the organisation requires social media management, stock-taking and charisma. We were awarded the Volunteers for Food award at the Bristol Green Volunteering Awards in March 2016.

Callington Road Psychiatric Hospital

December 2012 to April 2013 (4 months)

I have volunteered for an organisation that visits a psychiatric hospital to talk to patients, play games with them and generally alleviate the monotony of hospital life. I found this to be a challenging and moving experience that I enjoyed immensely.

Other

I have also volunteered at various projects including Food Cycle, the University of Bristol Botanical Gardens, the Bristol University Sustainability Team and the COP21 climate march. I have helped prepare food for a large number of people, performed website upgrades and acted as a steward.

PUBLICATIONS

Force Attraction Pen: A Haptic Pen with Variable Attraction Force, *Burnside, Elgar, Healer, Hill, Ioannidis, Mitchell, Worgan and Roudaut. In Proceedings of CHI EA'16. Late Breaking Work. To appear 2016.*

EDUCATION

MEng Computer Science (Second Class Honours: First Division)

University of Bristol *July 2016*

Final project: "A Digital Platform for Conducting Research into Social Pledges"

A level Computer Science, Maths, Philosophy (Grades A, A, B)

AS level Electronics (Grade A)

Hills Road Sixth Form, Cambridge *June 2010*

REFEREES

Dr. Chris Preist

Reader in Sustainability
University of Bristol
chris.preist@bristol.ac.uk

Dr. Julian Gough

Professor of Bioinformatics
University of Bristol
julian.gough@bristol.ac.uk

Jon Edgcombe

Group Leader
Cambridge Consultants Ltd.