

Education

University of Bristol 2013-17

- M.Eng Computer Science, First Class Honours
- Won the Bloomberg Award for 'Best Final Year Project in Machine Learning'
- Areas of interest include machine learning, artificial intelligence, internet economics, high-tech enterprise

University of Oregon 2015-16

- Third year spent abroad in the USA, GPA 3.85

Twyford High School 2006-13

- AAA at A-Level in Maths, Further Maths, Computing
- 7 A* and 5 A at GCSE
- Elected as Head Girl and House Captain

Projects

Tweets to Trades

- My degree thesis involved machine learning and sentiment analysis of stock-related tweets for directional price predictions (returning a 5% monthly profit)
- I also developed a business plan for an information subscription service for day traders to use the results of my research, and pitched this to a panel of investors

Rate My Plate

- A Twitter bot that calculates the carbon footprint of a meal from a tweeted photo, created with four others in a 24-hr Boeing environment-themed hackathon
- Awarded the prize for 'Best Implemented Prototype'

StressLess

- An interactive stress ball created for a group project, which uses pressure sensors to collect metrics about the user and can control ambient lighting or music etc.

Experience

Software Engineer - Mi Águila 2017

- Interned for a tech start up in Bogotá who provide transportation to corporate clients across Colombia
- Built predictive models to anticipate driver demand, with a dynamic heat map for real-time and future visualisations, and the back-end for a location suggestion feature
- Automated a business intelligence reporting process to save 1 hour of company time per day

Workshop Presenter - Digimakers 2016-17

- Delivered hands-on educational tech workshops to children at the At-Bristol science museum and school conferences

Marketing Coordinator - Digimakers 2014-15

- Promoted an educational technology organisation through event marketing and growing social media channels 74%

Achievements

Awards

- Bloomberg Award for 'Best Final Year Project in Machine Learning'
- Gold Award at the UKMT Senior Maths Challenge 2012, and Junior Maths Challenge 2008, 2007

Other

- Started an online business selling film merchandise aged 15, returning 50x the initial investment over 4 months
- Selected for Mathematic Masterclasses at the Royal Institution of Great Britain every year from 2009-2013 (roughly 100 students selected each year across London)
- Elected as Head Girl in my final year of school, a position which involved managing a team of 16, chairing 3 councils, and regular public speaking to 1000+ people