Jack Kleeman

Email: jackkleeman+cv@gmail.com
Born: July 20, 1997
Nationality: British

Qualifications

Secondary School

- Achieved 9 A*s, 1 A In IGCSEs (including Maths and English A*s).
- Achieved 5 As in AS-Levels, studying Maths & Further Maths, Economics, Physics and Chemistry.
- Achieved an A* in Maths, and As in Physics and Economics in my A2-Levels.

Education

2010-2015	The Perse School, Cambridge
2015-	St Catharine's College, Cambridge - Economics
	Part I: Class I, placed 7th in tripos
	In my second year I took 'Probabilistic Machine Learning', an Engineering module, as well as my courses in Economics.

Skills

Programming and Software

- Intermediate skill and experience in Java, Go, R, and Python.
- Comprehension and moderate experience in Javascript.
- Experience working on the IBM Hyperledger blockchain to create applications.
- Proficient in the use of Stata and R Studio for statistical work, and Azure ML for machine learning work.
- Significant experience in graphic design using Photoshop and Gimp.

Honours & Awards

2015	Won the national finals of the Bank of England Target 2.0 competition, beating 287 other teams.
2016	Won the 2016 UCL Data Science Student Challenge Hackathon. In a team of four we completed a project in Python and Javascript that I proposed, advising London-based users locations in which to look for apartments. For this task I worked both as project manager and statistician using Excel and Stata.
2016	Awarded the Robert Skerne Scholarship by St. Catharine's College in light of my first year exam performance.

Work Experience & Career

2013	Two weeks with Microsoft Research in Cambridge, writing games in Java.
2014	One week working with graduate interns at the Institute for Economic Affairs, aiding with the completion of their research projects.
2014	Two weeks at consultancy RBB Economics, learning about empirical methods in market analysis.
2015	Four weeks at the Bank of England in the Monetary Analysis division, on the costs and prices team. I worked with members of my team on a statistical project in R, investigating Phillips curves using UK regional data. I also completed my own project using sectoral data.
2016	Six further weeks at the Bank of England, in the Markets directorate, with the Financial Risk Management division. I worked primarily on collateral haircuts.
2016-17	Six months at Everledger as a general purpose tech, working on blockchain applications in Go, as well as on Android apps and Python web applications.
2016-	Part time work as a researcher with the Cambridge Centre for Alternative Finance. My work centres around bitcoin and the blockchain, most recently research into blockchain application development frameworks.
2016-	Part time work as a JavaScript & Go developer for Duo Money, working on a client-side cryptography application allowing for OpenBazaar operation in the browser. In doing so, I have built distributed backend architectures and worked with peer to peer networking.

Recent Projects

2016	aNonreport, a blockchain protocol to anonymously report information to humans rights organisations. Designed with end-to-end encryption, decentralisation, and total transparency. Began in 36 hours at HackUPC 2016.
2016	LiveLondon, an app that advises you on the best place to rent in London, using data science. First place in the 2016 Microsoft Data Science Student Challenge.
2016-	OpenBazaar, an open-source protocol for a peer-to-peer decentralised marketplace, using bitcoin, IPFS, and soon Tor. I contribute with Go development and occasionally changes to the protocol itself.