

Srinath Kailasa

(+44)7821246613
srinathkailasa@gmail.com

PERSONAL	Date of Birth: 26 April 1994 Citizenship: UK	
EDUCATION	University College London, London, UK	2018-2020
	<i>MSc Scientific Computing</i> Focus: Numerical Methods, Optimisation, Machine Learning, Computer Vision.	
	Durham University, Durham, UK	2013-2017
	<i>MPhys Physics II:1</i> Focus: Condensed Matter Physics, Mathematics, Quantum Theory, Computational Physics. I averaged 69 % overall.	
	Cockermouth School, Cockermouth, UK	2005-2012
	<i>A Level,</i> I achieved A*A*A*Aa* in Mathematics, Physics, History, Further Mathematics, Extended Project.	
TECHNOLOGY	<i>Languages:</i> Python ($\gg 10k$ lines), C++ ($\ll 1k$ lines) <i>Software:</i> Git/GitHub, L ^A T _E X, Google Cloud Platform, Linux, PostgreSQL, Elastic-Search, OpenCL, TensorFlow, OpenMP, OpenMPI, some exposure to Docker, Kubernetes	
INDUSTRY	Cytora, London, UK	2017-2018
	Cytora is a leading FinTech company, using a mixture of propriety and open datasets to make population scale loss-models for the insurance industry.	
	<i>Software Engineer</i>	May 2018 - November 2018
	My main project was the development of a highly precise search engine.	
	<i>Data Analyst</i>	September 2017 - May 2018
	I gained experience of everything from attending client meetings, with some of the world's biggest companies, to software development and data analysis.	
RESEARCH	Cambridge Quantum Computing, Cambridge, UK	Summer 2017
	<i>Research Intern</i> I studied the routing problem for networked quantum computers with researchers from the Department of Theoretical Physics at the University of Cambridge.	
	The Humboldt University of Berlin, Berlin, DE	Summer 2016
	<i>Research Intern</i> I studied properties of the antennal lobe of the american cockroach. My work was presented at the annual Bernstein Conference for computational neuroscience DOI: 10.12751/nmcn.bc2016.0148	

AWARDS

- Durhack, *Best Use of Data* January 2017
Prize for the best data science application at my university's inaugural hackathon.
- Trevelyan College, Durham University, *Travel Scholarship*, £250 August 2016
Scholarship to help fund my research project in Germany.
- DAAD, *RISE Scholarship*, €2100 March 2016
Over 2000 students apply annually for approximately 200 grants.
- BP, *STEM Scholarship*, £20,000 January 2014
One of 90 STEM students nationally to be have been awarded a scholarship for my undergraduate education.

CONFERENCES

- Quantum Information Computing & Control Summer School,
University of Bath & Imperial College London August 2017
Awarded a place at an competitive EPSRC funded summer school.
- Institute of Physics: Conference of Astronomy and Physics Students,
University College London June 2017
My final year project was accepted to be presented in a talk.
- The Bernstein Conference,
The Humboldt University of Berlin September 2016
The work from my summer internship was accepted to be presented in a poster.