

# Srinath Kailasa

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(+44)7821246613  
srinathkailasa@gmail.com

<b>PERSONAL</b>	Date of Birth: 26 April 1994 Citizenship: UK
<b>EDUCATION</b>	<div><div><i>MSc Scientific Computing</i>2018 - 2020</div><div>University College London, London, UK Focus: Numerical Methods, Optimisation, Machine Learning, Computer Vision.</div></div> <div><div><i>MPhys Physics II:1</i>2013 - 2017</div><div>Durham University, Durham, UK Focus: Condensed Matter Physics, Mathematics, Quantum Theory, Computational Physics.</div></div> <div><div><i>A Level,</i>2010 - 2012</div><div>Cockermouth School, Cockermouth, UK I achieved A*A*A*Aa* in Mathematics, Physics, History, Further Mathematics, Extended Project</div></div>
<b>TECHNOLOGY SKILLS</b>	<i>Languages:</i> Python ( $\gg$ 10k lines), Go ( $<$ 1k lines), C++ ( $\ll$ 1k lines) <i>Software:</i> Git/GitHub, L <sup>A</sup> T <sub>E</sub> X, Google Cloud Platform, Linux, PostgreSQL, Elastic-Search, some exposure to Docker, Kubernetes
<b>INDUSTRY</b>	<div><div><i>Software Engineer</i>May 2018 - November 2018</div><div>Cytora, London, UK My main project was the development of a highly precise search engine.</div></div> <div><div><i>Data Analyst</i>September 2017 - May 2018</div><div>Cytora, London, UK I gained experience of everything from attending client meetings, with some of the world's biggest companies, to software development and data analysis.</div></div>
<b>RESEARCH</b>	<div><div><i>Research Intern</i>Summer 2017</div><div>Cambridge Quantum Computing Limited (Cambridge University), Cambridge, UK I studied the routing problem for networked quantum computers with researchers from the Department of Theoretical Physics.</div></div> <div><div><i>Research Intern</i>Summer 2016</div><div>The Humboldt University of Berlin, Berlin, DE 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</div></div>

## 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.