Srinath Kailasa

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PERSONAL

Date of Birth: 26 April 1994
Citizenship: UK

EDUCATION

University College London, London, UK **2018-2020**
MSc Scientific Computing
Focus: High-Performance Computing, Numerical Methods, Optimisation, Software Engineering, Machine Learning. On track for a strong ($> 85\%$) distinction.

Durham University, Durham, UK **2013-2017**
MPhys Physics II:1
Focus: Condensed Matter Physics, Mathematics, Quantum Theory, Computational Physics. I averaged 69 % overall.

Cockermouth School, Cockermouth, UK **2005-2012**
A Level,
I achieved A*A*A*Aa* in Mathematics, Physics, History, Further Mathematics, Extended Project.

TECHNOLOGY

Languages: Python ($\gg$10k lines), C++ ($\ll$1k lines) Golang ($\ll$1k lines)
Software: Git/GitHub, LaTeX, Google Cloud Platform, Linux, PostgreSQL, ElasticSearch, OpenCL, TensorFlow, OpenMP, OpenMPI, some exposure to Docker, Kubernetes

INDUSTRY

Enthought, Inc., Cambridge, UK **Summer 2019**
Scientific Software Engineering Intern
During my postgraduate Master's I interned at Enthought, a global scientific software consultancy, in their Cambridge office. I worked with a modern scientific stack (Python, Docker, TravisCI).

Cytora, London, UK **2017-2018**
Cytora is a leading FinTech company, using a mixture of proprietary and open datasets to make population scale loss-models for the insurance industry. I worked there both in data analytics and software development after my undergraduate degree.

Software Engineer May 2018 - November 2018
My main project was the development of a highly precise search engine.

Data Analyst 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**
Research Intern
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**
Research Intern
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/nncn.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.