Srinath Kailasa

EDUCATION

University College London   **2018-2023**
PhD Applied Mathematics   2023
MSc Scientific Computing, Distinction   2020

Durham University   **2013-2017**
MPhys Physics, II:1   2017

TECHNOLOGY

Languages: Python ($\gg$50k lines), C++ ($<$5k lines), Matlab ($<$5k lines), JavaScript ($<$5k lines), Go ($<$1k lines), Julia ($\ll$1k lines) Haskell ($\ll$1k lines), Miranda ($\ll$ 1k lines)
Tools: Git/GitHub, LaTeX, Docker
Specialist Software Tensorflow, OpenMP, OpenMPI, OpenCL
Cloud: Some Exposure to GCP, AWS
Databases: PostgreSQL, ElasticSearch, MongoDB
Frameworks: Flask, React, React-Native
Open Source Contributions: Traits, Envisage, Chaco, Sci-Kit Image, Dask, PyExaFMM

EXPERIENCE

Enthought, Cambridge, UK   **2019**
Enthought is a global Python software consultancy that develops scientific and analytic computing solutions, famously the home of SciPy.

Software Engineer Intern   *Summer 2019*

Cytora, London, UK   **2017-2019**
Cytora is a leading FinTech startup, using a mixture of proprietary and open datasets to make population scale loss-models for the insurance industry.

Software Engineer   *May 2018 - January 2019*
Data Analyst   *September 2017 - May 2018*

Cambridge Quantum Computing, Cambridge, UK   **2017**
CQC builds tools for the commercialisation of quantum technologies, in collaboration with researchers from the University of Cambridge.

Research Intern   *Summer 2017*

The Humboldt University of Berlin, Berlin, DE   **2016**
I was funded by DAAD, through the RISE program, for an undergraduate internship at the Bernstein Centre for Computational Neuroscience.

Research Intern   *Summer 2016*

AWARDS

EPSRC *PhD Studentship*, Full Fees & Stipend   January 2020
UCL Innovation & Enterprise, *Launch: Startup Contest* £1,500   December 2019
DurHack, *Best Use of Data* £50   January 2017
Durham University, *Travel Scholarship*, £250   August 2016
DAAD, *RISE Scholarship*, €2100   March 2016
BP, *STEM Scholarship*, £20,000   January 2014