

Srinath Kailasa

SUMMARY	I'm an Applied Mathematics PhD at UCL, with experience across the technology industry, in R&D, software, and product development.		
EDUCATION	University College London	2018-2023	
	PhD 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, L ^A T _E X, 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	Faith.online, London, UK	2020
Faith.online is a streaming and social media platform for organising religious communities over the internet.			
Product Manager, Contract		Summer 2020	
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 <i>PhD Studentship</i> , Full Fees & Stipend	January 2020
UCL Innovation & Enterprise, <i>Launch: Enterprise Contest</i> £1,500	December 2019
DurHack, <i>Best Use of Data</i> £50	January 2017
Durham University, <i>Travel Scholarship</i> , £250	August 2016
DAAD, <i>RISE Scholarship</i> , €2100	March 2016
BP, <i>STEM Scholarship</i> , £20,000	January 2014