




Srinath Kailasa

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Education

Sep 2018 – Ongoing	University College London <i>PhD Mathematics, ('23)</i> <i>MSc Scientific Computing, with Distinction (84/100) ('20)</i>
Sep 2013 – June 2017	Durham University <i>BSc+MPhys in Physics, II:1 (69/100) ('17)</i>

Work Experience

Sep 2018- Sep 2023	UCL <i>Graduate Student</i> <ul style="list-style-type: none">• Thesis title: 'Task Parallel Fast Direct Solvers for Next Generation Heterogenous Compute Systems'• I work at the intersection of CS, Engineering and Mathematics.• My research involves developing high-performance software to run on supercomputers to solve problems that arise in science and engineering, usually described by partial differential equations.• I'm interested in reproducibility and high-quality software in science.• I was the top of my cohort during my Master's, graduating with a starred distinction (> 80/100).• I worked in tech to pay for my studies, until I was awarded a full scholarship by EPSRC for my PhD in 2020.
Mar 2020 - Jun 2020	Faith.online <i>Product Manager</i> <ul style="list-style-type: none">• Helped to start a company during the first lockdown to help churches carry on broadcasting sermons to their (aging) flocks via a dial in service.• Designed first iteration of web service.• Shipped to over 50 churches in UK and Ireland.
May 2019 - Sep 2019	Enthought <i>Software Engineer Intern</i> <ul style="list-style-type: none">• Internship during my Master's working on bespoke data analysis software for clients mainly in the semiconductor industry.• Gained experience of open source development, by contributing to Enthought's popular Python repos (Traits, Chaco, Envisage etc).
Sep 2017 - Jan 2019	Cytora <i>Data Analyst and Software Engineer</i> <ul style="list-style-type: none">• Pre-series A employee at fast-growing startup.• Developed first iteration of address search-engine product, still being shipped as a core service link.
Jun 2017 - Sep 2019	Cambridge Quantum Computing <i>Research Intern</i> <ul style="list-style-type: none">• Summer research intern at quantum startup.• Researched methods for optimising compilers for new quantum architectures.