

Srikka Subramaniam

Email: srikka.subramaniam@gmail.com

LinkedIn: www.linkedin.com/in/SrikkaSubramaniam

Phone: 020 86958843 | **Mobile:** 07482 150123

PERSONAL PROFILE

Trilingual Final year University of Bristol Engineering student, passionate about technology, now seeking a position on a graduate scheme. Particularly interested in using my logical thinking and problem solving skills to develop my programming skills and discover my potential.

EDUCATION

BEng Electrical and Electronic Engineering	University of Bristol
Predicted first class, Year 2 average: 81%	(2015 – 18)
A-Level Grades	James Allen's Girls' School
Mathematics - A*, Physics- A, French-A, Chemistry-B	(2013 -15)
GCSE Grades	Sydenham School
8A*'s, 4A's,B	(2008-2013)

WORK EXPERIENCE

Pneumatic Systems Research Intern	Bristol Interaction Group
<ul style="list-style-type: none">Worked with 3D printing to construct soft robots using silicon (Ecoflex) moulds. (June– Aug 2017)Designed, fabricated and experimented with McKibben actuators to correct back posture.	
Campaigns Ambassador	Bristol SU
<ul style="list-style-type: none">Enthusiastically engaged in promoting SU campaigns on campus. (Feb 2017 -present)Represented the Education Network stalls at fresher's fair.	
UCAS Days Student helper	UoB Engineering department
<ul style="list-style-type: none">Efficiently communicated with students in a helpful and friendly manner. (Nov 2016-present)Responsible for tours and visits of the engineering buildings to prospective students.	
Network Rail Brand Ambassador	On-Campus Promotion
<ul style="list-style-type: none">Responsible for promoting and advertising Network Rail graduate placements. (Sept –Dec 2016)	
Technical Team assistant	Crossrail
<ul style="list-style-type: none">Explored CAD software to manipulate 3D construction models. (June 2014)Recognised the importance of Augmented reality (AR) app on construction sites.	

EXTRA-CURRICULAR AND VOLUNTEERING

Silver Surfers	James Allen's Girls' School
<ul style="list-style-type: none">Built strong relationships with elderly people in the area by teaching basic computing skills.Monitored and encouraged the progress of a participant, to use online resources to learn Chemistry.	
School Magazine Main Editor	James Allen's Girls' School
<ul style="list-style-type: none">Collaborated with four other team members to successfully publish the annual school magazine.Commissioned and edited articles with sub-editors, to produce high standard articles.	
CERN Trip	GENEVA
<ul style="list-style-type: none">Gain proficient knowledge of the Higgs Boson, to write a trip-winning essay to CERN.Analysed existing Linux code to cautiously eliminated background noises.Received a deep insight of the ongoing research on antimatter & CP Violation at the LHCb.	

SKILLS AND PROJECTS

VHDL Lab Project
<ul style="list-style-type: none">Worked as a team to program an FPGA using hardware descriptive language.
Java
<ul style="list-style-type: none">Used existing code to implement an algorithm for a new 'Connect 4' player that will beat a computer generated random player.
Python
<ul style="list-style-type: none">Achieved 75% on this project, by effectively implemented matrix calculations using Pygame to create 3D Noughts and Crosses.