

# Benjamin Levine

## Curriculum Vitae

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PROFILE	An enthusiastic and hardworking Computer Systems Engineering student at the University of Warwick, with skills in software engineering, programming and networking. Has a methodical and focused work ethic, with a very keen interest in problem solving.	
EDUCATION	<b>The University of Warwick</b> <b>MEng Computer Systems Engineering</b>	<b>September 2016 - Current</b>
	Year 2 Modules: Operating Systems and Computer Networks (86), Database Systems (83), Digital Systems Design (78), Engineering Maths and Technical Computing (99), Software Engineering (72), Advanced Computer Architecture (70), Cyber Security (67), Analogue Systems Design (60).	
	Year 1 Modules: Design of Information Structures (78), Engineering Maths and System Modelling (82), Programming for Computer Scientists (78), Computer Organisation and Architecture (76), Web Development Technologies (72), Professional Skills (78), Multimedia Technology (67), Electrical and Electronic Circuits (54).	
	<b>The Latymer School, Edmonton, London N9</b>	<b>September 2009 - July 2016</b>
	A Level Maths	A
	A Level Further Maths	A
	A Level Physics	A
	AS Level Geography	B
	11 GCSEs	1 A*, 8 As, 2 Bs
EMPLOYMENT	<b>Summer Analyst</b> Morgan Stanley	<b>June 2018 - August 2018</b>
	Wrote a Python script to build and run instances of Sybase ASE database servers. The script ran either locally or, using the Treadmill API, on containers. The script allowed for a range of configuration options which were appropriately validated. Developed skills in Python, knowledge of containerisation theory, and experience of a long term project for clients.	
	<b>Web Designer</b>	<b>September 2017</b>
	Designed and wrote personal websites for two leading professors of economics and a further website for their new collaborative project. SEO techniques were applied to these websites and hosting was set up. Developed skills in PHP, HTML and CSS and a deeper understanding of the WordPress codebase. Also gained experience in analysing clients' requirements to implement them efficiently and in presenting outcomes to clients in meetings.	
	<b>Summer Camp Leader</b> Noam Masorti Youth	<b>Summer 2015 - 2017</b>
	Volunteered as a leader on a summer camp for a group of around 70 children. This involved supervising them throughout the day, planning programmes, leading activities and dealing with any problems arising. Gained skills in leadership, co-operation, welfare and discipline.	
	<b>Teaching Assistant</b> Muswell Hill Sunday School Classes	<b>September 2015 - June 2016</b>
	Taught primary school age children to read Hebrew at weekly classes, and assisted teachers with lessons. Gained experience of working in a long term regular work environment.	

TECHNICAL SKILLS	Programming	Bash, C, CSS, HTML, Java, JavaScript, jQuery, MATLAB, PHP, Python, SQL, Verilog	
	IDEs	Android Studio, Atom, IntelliJ, NetBeans, PyCharm	
	OSs	Linux/UNIX, MacOS, Microsoft Windows	
	Authoring	LaTeX/BibTeX, Microsoft Office	
	Other skills	Active Directory, Docker, FreeNAS, GlusterFS, Hyper-V, Jenkins, Nginx, pfSense, Treadmill, Windows Deployment Services	
POSITIONS OF RESPONSIBILITY	Warwick Student Cinema		
	IT Officer		
	Responsible for a variety of online services hosted on internal servers including a website, forums and mailing lists, as well as a Wi-Fi network, office computers and an electronic point of sale system. This involved managing services using a Docker swarm, an Active Directory for around 50 users, and a large PHP website used for all aspects of the Society.		
	Warwick Tech Crew		
	Lighting Designer		
AWARDS	Lighting design and operation for three theatre productions performed in the Warwick Arts Centre. Worked with other societies on tight time scales to produce high quality productions using professional lighting desks, including the Windows 7 powered ETC Ion, in conjunction with conventional, LED and moving lights.		
	The Latymer School		
	Prefect in sixth form.		
	Founder and President of Computer Science Society. Led the Society from Year 10, teaching software and hardware skills to all years, primarily using Python and Raspberry Pis.		
	Member of school orchestras.		
REFERENCES	Morgan Stanley CS126 prize-winner		2017
	Old Students' Award for Loyalty and Service to the School		2016
	Jack Petchey Award for services to the school		2014
	Grade 4 Bassoon		2013
	Grade 4 Guitar		2012
REFERENCES	Dr Matthew Leeke		Dr Suhaib Fahmy
	Associate Professor		Head of Connected Systems
	Department of Computer Science		Department of Engineering
	University of Warwick		University of Warwick
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