Nathan Robinson

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Social media:
Twitter, GitHub, Linkedin:
nrobinson2000

Online Portfolio:
https://nrobinson2000.me

CEHS Coding Club Blog:
https://cehscoding.club

Specialized Skills:
Particle Firmware Development, Full-Stack Web Administration

Top Programming Languages:
Particle C++, Bash, JavaScript, Python

Preferred Systems:
macOS, Raspberry Pi, Particle Photon

Experience

February 2017 – May 2017	**Web Consultant**
	Created and administered the website for DPC New England, a coalition of doctors providing direct primary care. Developed Wordpress, Discourse, and system administration skills on an Ubuntu Linux server. Now providing ongoing system updates and administrative support.
June 2015 - Present	**Particle Community Volunteer**
	Assisting the developers and users of Particle, a company providing extensive Internet of Things services and micro-controller development kits used by developers and companies worldwide. I directly address topics within the active community, provide assistance with code, and give feedback on Particle's tools and services.

Education

2016 - 2018	**Cape Elizabeth High School**	**GPA: 90.58 SAT: 1,210**
	Coding Club Leader, Junior Varsity Basketball In Coding Club I focus on helping other students create projects with the Particle IoT platform and teaching them the fundamentals of developing smart devices and web based applications. Presented to the Cape Elizabeth Education Foundation and received a $1,200 grant to purchase Raspberry Pi and Particle Photon hardware kits for use in Coding Club.	
Summer 2016	**Oxbridge Experience in Boston**	
	Majored in Computer Science and minored in Neuropsychology during the summer of 2016 while residing at the Harvard Law School at Harvard University. Created a semi-autonomous rover using a Particle Photon, and a Raspberry Pi that completed various tasks. Building the robot improved my C++ and Python programming skills.	
2015 - 2016	**ACS Hillingdon International School, London, United Kingdom**	
	Tech Club Leader, Genius Bar facilitator, Junior Varsity Basketball, Volleyball and Tennis. For my Grade 10 personal project I created an IoT demonstration that uses a Photon to control servos and lights, and monitor sensors with an accompanying web application which I built using JavaScript, HTML, and CSS.	
Summer 2015	**Cambridge Prep Experience**	
	Majored in Science and the Future and minored in Speech and Debate during the summer of 2015 while residing at Peterhouse College at Cambridge University.	
Summer 2014	**Oxford Prep Experience**	
	Majored in Computer Science and minored in Creative Writing while residing at Oriel College at Oxford University.	