Nathan Robinson

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Education

January 2015 - Present — **ACS Hillingdon International School, London**

- Tech Club Leader, Genius Bar facilitator, played Junior Varsity Basketball, Volleyball and Tennis.

- I am the leader of my school's Technology club. Each year we make a couple of interesting projects. This year we made a 3D printer, battle robots and an internet enabled birdhouse that uses Particle Photons and Electrons to give it web functionality.

- At the Genius Bar, I assist other students, teachers, parents and staff with common issues, including using our school's network, Google Drive and printing. Running the Genius bar gives me something productive to do during lunch time.

- For my Grade 10 personal project I created an IoT demonstration that uses a Photon to control servos and lights and monitor sensors. I also created a web app in Javascript to control it.

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.

- Received an A+ in Science and the Future

Summer 2014 — **Oxford Prep Experience**

- Majored in Computer Science and minored in Creative Writing in the summer of 2014 while residing at Oriel College at Oxford University.

- Received an A+ in Computer Science

Skills and Interests

Particle Tools:
I have used both the Photon and Electron, and continue to use Particle tools to develop projects in Tech Club and my own personal projects. I primarily use Particle CLI in combination with Atom to code C++ for my devices, and I like to create web applications with JavaScript to access the Particle API in order interface them.

Bash:
I am skilled with the Unix command line and enjoy creating scripts to make development quicker and easier. I maintain a script on GitHub that installs the Particle Offline Toolchain on Mac OSX and Ubuntu and allows users to develop offline efficiently or push code to devices using DFU Utilities.

C++, JavaScript, Bash, Python, GitHub, IoT, Linux