Nathan Robinson

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(207) 303-9817
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Social Media:
Twitter, GitHub,
nrobinson2000

Online Portfolio:
https://nrobinson2000.me

Skills:
Excellent Communication, Empathy,
Efficient Problem Solving,
Digital Assets and Cryptocurrency,
Linux Command Line

Programming Languages:
C++, Bash, Python, JavaScript,
Markdown, HTML, CSS

Familiar Software:
Exodus, Slack, Discourse,
Google Hangouts, Atom, VIM

Experience

Summer 2017 — **Firmware Developer**

Over the summer I worked remotely for TankClarity, a startup using the Particle platform for monitoring fuel delivery with intelligent Wi-Fi enabled sensors. I collaborated with the CTO to develop and test the firmware for the sensors and create several command line utilities to accelerate production. Communication was conducted over Slack, and Google Hangouts was used for weekly videoconferences.

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 administrative support and ongoing system updates.

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, on their Slack and online Discourse Forum. 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**

Coding Club President, Junior Varsity Basketball, Technical Theatre

In Coding Club I focus on helping students create projects with the Particle IoT platform and teach 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 while residing at the Harvard Law School.

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, Genius Bar, ISTA, Junior Varsity Basketball, Volleyball and Tennis

For my tenth grade personal project I created an Internet of Things demonstration that used a Photon to control servos and lights, and monitor sensors with an accompanying web application I built using JavaScript, HTML, and CSS.