

Nana Abekah

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PROFESSIONAL SUMMARY

Effective problem-solver with advanced programming skills and a hardworking mentality. Seeking to apply expertise and extensive experience in software engineering to take on a challenging new role with a growing team.

PROJECTS || EXTRA-CURRICULAR ACTIVITIES

Vex Robotics Team 356 - Programming Sub-team [2014-2018]: I wrote user control and autonomous code in c/c++ for competition robots. I have experience in control algorithms such as PID. (<https://github.com/Nanared1/robot>)

Yelp Camp [2018]: I built a NodeJs application with the guidance of an online boot camp I took. I learned to use a lot of JavaScript tools and web utilities.

Eastern Edge Robotics - Programming Sub-team [2018 -]: Eastern Edge robotics is a university club that competes in the MATE ROV competition. I am a member of the software team sub-team at EER. We write all the control algorithms for the ROV the team builds. Examples of software we have written includes, auto-depth control, web apps for ROV comms, image processing, etc.

Arduino Smart Switch [2018]: I created a smart switch that listens for sound commands and performs a pre determined action. [more info on my website :)]

Android Image Recognition [2016]: I built a text image recognition app while learning how to create android applications.

Online Portfolio [2018]: Using HTML5 and CSS3, I created and published my first website. Through this project I have gained experience using bootstrap, font-awesome and other web designing tools.

WORK HISTORY

Memorial University Of Newfoundland. St. John's, NL
Computing Support Assistant | 01/2019 - Current

- Provide assistance and support to students, faculty and guests using the QEII library.

SKILLS

Proficient in:

- HTML, CSS, Javascript {Vue Js, Node JS, EJS, Express, Mongodb}
- Python
- C/C++
- Java
- Ruby
- XML

EDUCATION

Memorial University Of
Newfoundland
St. John's, NL
2022

Bachelor of Science: Computer
Science

Castlebrooke High School
Brampton, ON
2018

High School Diploma

CERTIFICATIONS

First Aid & CPR (June 2018)
ICT SHSM[Special High Skills
Major] - (June 2018)
WHMIS Training (October 2016)

- Create/Edit videos for use at the library
- Documented all customer inquiries and comments thoroughly and quickly.

Toronto Athletic Camps (TAC Sports). Toronto, ON

Robotics Instructor | 06/2018 - 08/2018

- I created robotics lesson plans for kids
- Coached kids on how to approach designing robots for challenges
- I also taught kids how to program EV3 robots.

Camp Shinning Stars. Toronto, ON

Volunteer (Summer) | 08/2014 - 08/2018

Creative Kidz. Brampton, ON

March Break - Robotics Instructor | 03/2018 - 03/2018

I taught kids how robotic components work, and how to program robots. I also guided them to follow instructions and build robots.

Computer Window Inc. Brampton, ON

Computer Technician | 06/2017 - 08/2017

I fixed electronic devices, built computers and did a lot of software updates on electronic devices the company received from the clients.

ACCOMPLISHMENTS

High School Diploma (June 2018)

Ontario Scholar Award (June 2018)

Dragons Merit Award (June 2018)

Silver and Gold medals at Peel Skills Challenge (April 2018)

Top 25% in Waterloo Computer Science Contest (February 2018)

Vex Robotics Competition Ontario Provincial Champion (February 2018)

Castlebrooke Student Recognition Award (May 2017)

Silver Medal - Peel Skills robotics challenge (April 2017)

Waterloo Computer science contest top 25% rank (February 2017)

2016 MVP in my Vex Robotics team Vex Robotics gold medal (December 2016)

Vex Robotics Programming Skills Challenge (4th in Ontario, 65th Worldwide) - (April 2016)

Vex Robotics Ontario Provincial Finalists (2015)

Grade 8 student of the month award (April 2014)