Nana Abekah

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www.nanaabekah.com ● github.com/Nanared1

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

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.

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)

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.

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

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)