Nana Abekah

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www.nanabekah.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)

Eastern Edge Robotics – Programming Sub-team [2018 -]:

Arduino Smart Switch [2018]: I created a smart switch using a relay switch, encoder, microphone and buttons.

Android Image Recognition: I worked on a text image recognition algorithm while learning how to create android applications.

My Website: 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.

P.S: For an extensive view on all the algorithms I've written, please visit my GitHub page

Skills

Proficient in:
- HTML, CSS, JavaScript { Node JS, EJS, Express, MongoDB}
- Python   - Ruby
- C/C++   - XML
- Java

Work History

Computer Technician, 06/2017 to 08/2017
Computer Window Inc. – Brampton, ON
I fixed electronic devices, built computers and did a lot of software updates on electronic devices the company received from the clients.

March Break - Robotics Instructor, 03/2018 to 03/2018
Creative Kidz – Brampton, ON
I taught kids how robotic components work, and how to program robots. I also guided them to follow instructions and build robots.

Robotics Instructor, 06/2018 to 08/2018
Toronto Athletic Camps (TAC Sports) – Toronto, ON
-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

Volunteer (Summer), 08/2014 to 08/2018
Camp Shinning Stars – Toronto, ON

Education

Bachelor of Science: Computer Science, 2022
Memorial University Of Newfoundland - St. John's, NL

High School Diploma: 2018
Castlebrooke High School - Brampton, ON

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)

Certifications

First Aid & CPR (June 2018)

ICT SHSM[Special High Skills Major] - (June 2018)

WHMIS Training (October 2016)