YANQING (PETER) WU

Computer Engineering – 1B

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Summary of Qualifications

- Built an Android app with teammates in the first Hackathon
- Designed and constructed a Line Following Music Player with fellow engineers
- Learnt to construct personal static website in two days (without templates)
- Excellent academic standing with GPA: 3.9/4.0
- Proficient in C++, HTML, CSS, Python | Windows OS, Ubuntu Linux OS
- Familiar with Java, C, JavaScript, MySQL

Education

University of Waterloo   Waterloo, ON

B.ASc in Computer Engineering   2016 – Present

Experience & Activities

ELECTRIC CITY HACKS   Peterborough, ON
Contributed in Team *journé*   November 2016

- Developed backend server code to increase the security of user's information
- Debugged the creation of user and log-in function of the application
- Tested the synchronization of user's location and points system

UW Robotics Team   Waterloo, ON
Contributed in *Electrical & Software Team*   September 2016 – Present

- Constructed a Line Following Music Player with fellow engineers
- Attended weekly meetings to design and construct robot
- Furthered communication, teamwork and leadership skills

Hack the North   Waterloo, ON
Volunteer in team *Floor Patrol & Food*   September 2016

- Assisted hundreds of hackers during the event and answered most arose questions
- Set up food station and distributed lunch to more than 1,000 participants with fellow volunteers
- Ensured snack and coffee supplies on responsible floor were always replenished

FIRST LEGO League   Waterloo, ON
Volunteer as *Judge Assistant*   January 2016

- Assisted arranging full day judging sessions, and preparing judging rooms
- Ensured 30 teams were sent to correct judging places at the correct time

Side Projects

Line Following Music Player – A robot that can auto-maneuver and convert greyscale stripes to music notes

- Coordinated working progress of Electrical and Software Team
- Designed and implemented electric circuit board of the robot
- Participated in the selection and purchase of every electronic and mechanical components of the robot

pwyq's Space – A personal static website build in progress
- Implemented statistics analysis and comment function
- Furthered the understanding of Git command and frontend technologies

Honors and Awards

University of Waterloo President's Scholarship (2016)

Additional

Languages: native proficiency in Mandarin, basic in Japanese

Interests: basketball (10 years+), running, sketching, chess, board games