

Andy Park

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ndpark.github.io

[Github.com/ndpark](https://github.com/ndpark)

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Summary of Qualifications

- Programming languages: Python, Java, C++
- Tools: IntelliJ Idea, Windows Command line, Adobe Photoshop, Adobe Illustrator
- Excellent problem solving skills gained through working on coding projects and troubleshooting workshops.
- Exceptional communication and interpersonal skills demonstrated through work and volunteering experience.

Work and Volunteer Experience

IT Intern *MS Society of Canada* – Toronto, ON Sep 2016 – Dec 2016

- Improved efficiency of various tasks by 80% on average by developing a Python script to automate the process.
- Designed and modified online finance forms per specifications discussed with clients within the organization.
- Documented and tested to Python scripts and the forms to ensure the maintainability and quality.

Outreach Developer *University of Waterloo* – Waterloo, ON Jan 2016 – May 2016

- Developed, taught, and troubleshot lessons on Python3.5, and soldering for over 200 participants for events.
- Reviewed and implemented engaging, hands-on workshops to promote positive STEM experiences to children.

Volunteer *Big Brothers Big Sisters* – Oakville, ON Sep 2012 – May 2015

- Facilitated educational activities to assist newcomer youth integrate to Canadian society based on their abilities.
- Communicated with team members as well as the mentees with respect, both oral and in writing.
- Awarded Volunteer of the Year for excellent work with children.

Projects

Finance Data Processor (Python3.5) – Toronto ON Dec 2016

- Created a script to automate a task of processing excel sheet containing raw data and doing calculations.
- Improved time taken for the task from 45 minutes to 30 seconds.

Page loading time script (Python 3.5) – Toronto, ON Dec 2016

- Used *openpyxl*, *Selenium*, and *requests* to create a script which would log the time it takes to load a webpage
- Monitored the downtimes and used Microsoft BI to visualize data for users

Personal Website (HTML, CSS, Bootstrap, JavaScript) – Waterloo, ON Jan 2017

- Used Bootstrap template to make a website

AlienInvasion (Python3.5) – Waterloo, ON Feb 2016

- Created a fully-working Space Invader style game using the pygame library.

Extracurricular Activities

Shadow Day Director *University of Waterloo* – Waterloo, ON Jan 2017 - Present

- Headed the organization to coordinate personal tours for over 50 prospect students over the term
- Appointed as Director from Manager due to excellent work

Education

Candidate for BAsC, Honours Systems Design Engineering *University of Waterloo* Sep 2015 – Present

- Relevant courses: Digital Computation (C++), Data structures and Algorithms, Human Factors in Design (UI/UX, HCI, Human Centred Design), and Digital Systems (Circuits, Arduino)

Interests

Mentorship. Tae Kwon Do. Wannabe food blogger. Lover of obscure indie music. Cheesy joke connoisseur.