

# NATHANIEL WONG

COMPUTER ENGINEER

## Contact:

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## WORK EXPERIENCE

### Canada Post

*Process Engineering Intern*      *May 2015 - August 2015*

- ❖ Implemented the file migration of all AutoCAD drawings from shared network drives to Solidworks Enterprise PDM.
- ❖ Travelled independently across Canada and taught +100 engineers on the use of the software.
- ❖ Designed Lean Six Sigma improvements for various systems in the Canada Post business.
- ❖ Developed a marketing strategy for Canada Post's new FlexDelivery program that targets the student demographic.

### City of Ottawa

*Park Programmer*      *June 2014 - August 2014*

- ❖ Worked at a city park pool as a primary lifeguard.
- ❖ Maintained a safe and enjoyable park.
- ❖ Organised activities for the park patrons.
- ❖ Provided immediate first aid in emergency situations.

### Lisgar Collegiate Institute

*Student Council Co-President*      *Sept. 2013 - June 2014*

- ❖ Managed a team of 34 executives and +50 general members.
- ❖ Organised various fundraisers and spirit events for students and the Ottawa community.
- ❖ Handled a \$10,000 budget.

### Midway Family Fun Park

*General Labourer*      *August 2011*

- ❖ Painted, cleaned, and prepared the new building for the business's move.
- ❖ Collaborated with other employees to construct large play structures and set up game consoles.

## SKILLS

- ❖ Programming: C, C++, MatLab, QBasic, VisualBasic.
- ❖ Bilingual in English and French.
- ❖ Proficient in SolidEdge, Microsoft Word, Excel, Powerpoint.
- ❖ Standard First Aid and CPR C certified, with defibrillator training.

## PROJECTS AND ACHIEVEMENTS

### Force Analysis of a Wooden Bike

- ❖ Designed and constructed an eco-friendly wooden bike for the Queen's Biomedical Research Group.
- ❖ Created a full SolidEdge model.
- ❖ Conducted an in-depth static force analysis.

### Other

- ❖ Ontario Scholar
- ❖ High School Extended French Certificate.
- ❖ Lisgar Athletic "L" for extensive contribution to school athletics.

## EDUCATION

### Queen's University

*Bachelor of Engineering and Applied Science: 2014 - 2018*

- ❖ Specialization in Computer Engineering.

### Lean Six Sigma

2015

- ❖ Certified Process Management Yellow Belt

## EXTRACURRICULAR

- ❖ Orientation Leader for first year Queen's engineering students.
- ❖ Intramural hockey and dodgeball.
- ❖ Queen's Recreational Sailing Club.