

16 Dallimore Circle #713  
Toronto, Ontario, Canada  
M3C 4C4  
[github.com/cwoozle](https://github.com/cwoozle) • [linkedin.com/in/cwoozle](https://linkedin.com/in/cwoozle) • [devpost.com/cwoozle](https://devpost.com/cwoozle) • [500px.com/cwoozle](https://500px.com/cwoozle) • [medium.com/@calvinwoo](https://medium.com/@calvinwoo)

# Calvin Woo

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@cwoozle

## Education

University of Waterloo  
Nanotechnology Engineering  
Expected July 2022

## Skills

Machine Learning  
Data Science  
Algorithmic Trading  
Data Structures  
Algorithms  
OOP

## Technologies

Python  
Java  
Javascript  
HTML/CSS  
Solidity  
MATLAB  
MYSQL

## Coursework

Linear Algebra  
Calculus I & II<sup>1</sup>  
Intro to Engineering  
Computing (Python)  
Intro to Computational  
Methods<sup>1</sup> (MATLAB)  
Algorithms I<sup>1</sup> (Princeton)  
Chemistry  
Organic Chemistry<sup>1</sup>  
<sup>1</sup> Expected

## Graphic Design

Adobe Photoshop  
Adobe Lightroom  
Adobe Illustrator  
Adobe Indesign  
LaTeX

## Interests

Technology  
Photography  
High Fashion  
Cooking

## Personal/Team Projects

### Phormatics - Team Member

03/18 - | New York, NY, USA  
[devpost.com/software/phormatics](https://devpost.com/software/phormatics) - [github.com/jrobchin/phormatics](https://github.com/jrobchin/phormatics)

- Using **Tensorflow** and **OpenCV**, developed an AI gym trainer, capable of analyzing form and counting reps for 3 exercises
- Used **Facebook API** to introduce login feature

### Credit Card Fraud Analysis Project

11/17 - | Waterloo, ON, Canada  
[github.com/cwoozle/ccf](https://github.com/cwoozle/ccf)

- Using **Tensorflow** and **Python**, created software which predicts whether credit card transactions are fraudulent.
- Demonstrated a <0.1% false positive rate.

### Clean Water Project - Team Member

10/17 - 12/17 | Waterloo, ON, Canada

- **Cross-referenced** academic articles to report the feasibility of various methods to remove MDMA from wastewater.
- Completed over duration of NE100 (Intro to Nanotechnology Engineering) course as a presentation, and **work term report**.

## Extracurricular Experience

### ORBIT - Co-Director of Photography

06/16 - 05/17 | Toronto, ON, Canada

- Successfully led a team of 40 photographers to submit high quality photos weekly.
- Oversaw creative vision of yearbook, participated in/ran weekly meetings, and communciated with printing company.

## Work Experience

### Freelance Photographer

02/14 - | Toronto, ON, Canada | Seoul, South Korea | Waterloo, ON, Canada  
[instagram.com/cwoozle](https://instagram.com/cwoozle) | [500px.com/cwoozle](https://500px.com/cwoozle) | [medium.com/@cwoozle](https://medium.com/@cwoozle)

- Worked with paid and time-for-print clients in producing high quality club/portrait/fashion/street photography.
- Developed experience in studio lighting and film media.

### Centreville Amusement Park - Sales Associate

05/15 - 09.15 | Toronto, ON, Canada

- Opened/closed various stores around amusement park, maintained appearance of store and completed sales via POS.

## Awards

Phormatics - **Best Startup-Viable Hack** - HackNYU 2018

Personal Photo - **VSCO Feature** - VSCO Photography Channel