Clayton Halim

Software Developer / Photographer / Tinkerer

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PROJECTS

OSSLT Pass Classifier — *Machine Learning | Python*

Utilizes data kept on students by a school to classify whether a student will pass the standardized literacy test in Ontario using *Logistic Regression.*

Mean/Standard Deviation Variance — Statistical Analysis

Analysis on the variance of mean and standard deviation in the normal distribution of human height in different grades and gender in high school. *Sample collection, probability distributions, experiment hypothesis, data significance (ANOVA)*

EXPERIENCE

Wendy's, Mississauga— *Crew Member*

February 2016 - June 2016

- Cashier front and support for drive-through
- Training new crew, cleaning, restocking, closing

Key Club Mississauga — *President & Public Relations*

October 2014 - August 2016

- Led a team of executives to manage a city-wide volunteer club chapter of the international organization, Key Club.
- Communicated with other organizations for sponsorships and collaboration
- Food packaging, tree planting, carolling for cans, large-scale fundraisers, conservation area maintaining

Freelance Photography

September 2016 - Present

- **Paid work:** event coverage
- **Volunteer work:** University Math Society photographer

EDUCATION

University of Waterloo — *Computational Math & Statistics*

September 2016 - June 2021

Candidate for a Bachelor of Mathematics

SKILLS

Programming: Python (Scikit-Learn, Numpy), Java, C++, HTML, CSS, JavaScript, Bash

Technical: Git, Excel, LaTeX, Lightroom, Data Science, microcontrollers/computers (Arduino, Raspberry pi, Linux)

Other: customer service, public speaking, team collaboration

Interests

Language learning: French, Mandarin, Japanese

Photography: focus on portraits and landscapes

Sports & Exercise: skating, volleyball, dancing, running, biking

Volunteering: helping out and learning about the community

Video Games: playing and making them