



## education

### honorary bsc | computer science and economics

university of toronto | 2016-present

- cs gpa: 3.28
- honorary bachelors of science
- passion for web dev and AI

## coursework

### computation

machine learning and data mining  
algorithm design and analysis  
software design and engineering  
systems programming  
computer organisation  
data structures and analysis  
numerical methods  
computer science implement. project

### stat/math

calculus of several variables  
linear algebra I  
probability and statistics I  
introduction to mathematical proofs  
calculus and linear algebra for commerce

### economics

quantitative methods in economics  
macroeconomic theory and policy  
money, banking & financial markets  
microeconomic theory

## skills

### languages and technologies

experienced

python • java • html/css • javascript • numpy

proficient

c • SQL and NoSQL (neo4j) • php •  $\text{\LaTeX}$

### general

os

linux (remote via ssh & sftp) • macOS • windows

ides

eclipse • vim • idle • jupyter notebook

other

full-stack server (web frontend, flask/nodejs)

agile development with SCRUM

implementing machine learning technologies

version control via git console

session cookies and password salting

## experience

### university of toronto | teaching assistant

winter 2019

- paid position at the university
- hosted mandatory weekly 2 hour tutorials for the first year computer science course
- taught in python
- create solutions manuals and mark midterms/final exams
- host office hours and invigilate tests

### project include | teaching assistant

summer 2018

- volunteering student initiative amongst team of 16
- helped coordinate and carry out a coding bootcamp for at-risk secondary students across mississauga
- teaching basic python at different libraries and schools for 4 weeks
- preliminary marketing and organisation

### university of toronto | special projects

early 2019-present

- volunteering project of just myself (self initiative)
- creating a indifference curve analysis (microeconomics) graphing software
- full stack with web frontend, python flask backend
- self-learned web (I have since taken a webdev university course) and sympy library for this project
- embedded on economics student page for all University of Toronto Mississauga economics students.
- permanent url: <https://mcsapps.utm.utoronto.ca/micrographer>

### independent | mini apps

present

- small independent projects on website
- further java and python experiments on github repository
- links are by the icons at the top of page