Eric Elmoznino

LinkedIn	https://www.linkedin.com/in/ericelmoznino
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Experience

ModiFace – Machine Learning Engineer
September 2017 – Present | Toronto, ON

- Worked on various computer vision machine learning models for the beauty industry.
- Wrote research papers on makeup rendering and skin condition diagnostics using deep learning.

Independent Machine Learning Projects
May 2017 – Present

- Music generator using DBN's conditioned on LSTM's.
- Spatially aware AI (Orientation + Position) using convolutional nets.

Precious – Machine Learning Engineer
March 2018 – September 2018 | Toronto, ON (Remote)

- Worked on various computer vision machine learning models for a mobile app that automatically makes photo albums of babies for new parents.

Orbis Investments – Software Developer Intern
May 2016 – September 2016 | Vancouver, BC

- Full-stack web development using AngularJS, Angular Material, ASP.NET MVC, Web API, and SQL Server

iOS Development
May 2015 – May 2016

- Deployed an application that allows users to create and solve electric circuits.
- Deployed an application that helps users keep track of group expenses and the amounts owed.

Canadian Armed Forces (Reserves) – Private, Infantry Division
September 2012 – August 2014 | Valcartier, QC

- Participation in combat and reconnaissance exercises.
- Coordinate and lead section members in combat drills.

Extra-Curricular Activities

University of Toronto –
Co-Professor for ECE1780 (under professor Parham Aarabi)
January 2018 – April 2018 | Toronto, ON

- Taught several lectures for a graduate course on deep learning using TensorFlow for mobile devices.
- Some lecture material available at https://github.com/ECE1780

University of Toronto Aerospace Team (UTAT) –
Attitude Determination and Control Subsystems (ADCS) Team Lead
September 2014 – July 2016 | Toronto, ON

- Designed and implemented attitude control systems on the UTAT 3U satellite for the 2016 Canadian Satellite Design Challenge.
- Modeled physical forces on the satellite in orbit using Matlab.

Electrical and Computer Engineering Club, University of Toronto –
Finance Chair (elected by student peers)
September 2015 – September 2016 | Toronto, ON

- Created a balanced budget for club expenditures over the course of the year.
- Coordinated with other club members in planning social/academic activities.

Education

Bachelor of Applied Science in Computer Engineering – University of Toronto
September 2014 – Present

Diplôme d'études collégiales (Health Sciences, First Choice Honors Program) – Dawson College, Montreal
September 2012 – May 2014

Skills

Languages - Frameworks
Proficient
Python | Swift/iOS | C++ | C | C# | PyTorch | TensorFlow | Objective-C | JavaScript | HTML | CSS | ASP.NET | AngularJS | Verilog | Assembly | Flask
Familiar - Experienced
T-SQL | Java | F# | VB.NET | PowerShell | Matlab | PHP

OS - Platforms – Applications
MacOS | Windows | Linux
GitHub | TFS | SVN |Visual Studio | Xcode | Sketch (UI design) | MS Project | MS Office

Software Development
Machine Learning | Full-stack web | UI/UX design | MVC | REST | HTTP | TCP/IP

Spoken Languages
English | French
(Fluent in both, written and spoken)

Interests

Travel abroad
Numerous trips to more than 27 countries

Sports
Snowboarding, tennis, ice hockey, equestrian sports

Public speaking
Participation in several public speaking competitions

Books and podcasts

Waking Up, Superintelligence, The Gene

Other domains

Genetics, Astrophysics, Philosophy of mind

AWARDS AND DISTINCTIONS

PUBLIC SPEAKING:

Quebec English Public Speaking (Provincial Finals) – Bronze Medal   *2012*

Quebec French Public Speaking (Provincial Finals) – Silver Medal   *2011*

SCHOLASTIC AWARDS:

Class of 4T3 Engineering James Ham Award   *2016*

$6000 tuition scholarship from the University of Toronto, given on the basis of demonstrated leadership qualities as exhibited through community involvement and student counsel activity.

Class of 5T6 Award of Merit   *2015*

Full $15,000 tuition scholarship from the University of Toronto, given to the student who has exceled academically and been greatly involved in the school community.

First Choice Science Award   *2013*

Given to the student who has contributed significantly to the life of the program as well as for academic achievement in Science.

Governor General of Canada Academic Medal   *2012*

Given to the graduating student who has achieved the highest academic standing in the graduating class.

McGill Science Award and Scholarship   *2012*

Given to the graduating student who shows exceptional promise in Science and Math.

A.J. Grant Shield and Scholarship   *2012*

Given to the graduating student who has achieved the highest mark in English.

Royal Bank of Canada Shield   *2012*

Given to the graduating student who has both the highest mark in Mathematics and the best performance in the Mathematics' Competitions entered by the College.

Davies Family Shield   *2012*

Given to the graduating student who has achieved the highest combined average in the high school leaving sciences.

Eakeley Shield   *2012*

Given to the graduating student who placed first in the College's English public speaking competition.

Other   *2012*

Highest GPA in individual subjects: Chemistry, Physics, Mathematics, English, and Calculus.