

Mind of a software engineer, Heart of an entrepreneur and Soul of a creative. Successful hackathon competitor that is passionate about tackling tough challenges and bringing ideas come to life.

<https://amoldy.github.io/website/>

www.linkedin.com/in/a-moldovan

PROFESSIONAL SKILLS

Front End	Back End	Other	Project Management
JavaScript	C++	Version Control	Adobe Suite
HTML5	Java	Git Flow	Sketch Design
HTML Semantics	Python	Pull Requests	
Bootstrap		SQL/SQLite	
CSS3		Agile	

PROJECTS - <https://github.com/amoldy>

Machine Learning – Feature Engineering Phishing Detection, Honours Project Present

Using Numpy and Scikit-learn in Python to build/train machine learning models in order to optimize phishing-email detection. Testing various features in email header and body with the goal of $\geq 95\%$ detection rate.

uOttHack Weekend, CmyBP - 1st Place Winner January 2019

Compute my Blood-Pressure (CmyBP) was our uOttHack winning idea; using MatLab and Python we were able to analyze a short video measuring the delay of blood being pumped from forehead to palm and predict blood pressure with $\sim 80\%$ accuracy.

SEG2105, Intro. to Software Engineering, Group Project September 2018

Used Java & Android studio to create an on-demand Home Repair Services application for android devices. This platform allows homeowners to connect to local service providers by requesting help with electrical, plumbing, gas and other related services.

Simple Blockchain, Personal Project July 2018

Used Java to create a blockchain program that takes in a .txt file with transaction information, first it creates blocks and then validates the blockchain via hashes. Afterwards, the user can create new transactions and finally it prints the blockchain to a text file.

OTHER PROFESSIONAL WORK EXPERIENCE

Children's Hospital of Eastern Ontario (CHEO) February 2012 – Present

Patient Service Clerk (NICU/PICU)

- Managed patient physicals files by processing documentation and medical orders.
- Experienced user in electronic documentation software such as Epic & Sunrise.
- Organizing and managed projects for the unit such as Healthy Babies Healthy Children (Public Health of Ontario) and Newborn Hearing Program.

Center of Entrepreneurship & Engineering Design (CEED) July 2018 – Present

Creative Marketing Lead

- Increased audience reach by total of 20% across all social media platforms in one semester by implementing creative video advertisements.
- Improved brand design by creating new logos/banners and updating brand content to showcase a uniform and familial environment among the products offered by CEED.

Interests

Videography (<https://vimeo.com/studybreak>)

Volleyball

Carpentry

Achievements

uOttHack – 1st Place 01/19

Startup Weekend – 2nd Place 11/17

E.I.C. – Runner Up 09/17

EDUCATION

University of Ottawa

Honours B.Sc. with Specialization in Computer Science and Minor in Statistics

September 2017-Present

- Relevant Coursework:** Data Structures and Algorithms, Linear Algebra, Discrete Math, Probability Theory, Statistics, Software Design

Honours B.Sc. with Specialization in Genetics & Molecular Biology

September 2013-April 2017