



Braulio Arredondo Padilla

Software Engineer - Researcher

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Monterrey, NL, México

EXPERIENCE

Researcher @ CONACyT

2019-2020

Classification of Breast, Colon and Lung cancer histopathological images using Deep Learning and Machine Learning techniques. Project developed using Python, Pytorch, Keras, Pandas, Sci-Py and Scikit-learn, performed on Google Cloud services.

Volunteer @ Concordia Organization

Summer 2018

Delegate of Mexico at cultural international program - Restoring the archaeological zone of Aubigné-Racan

Informatics auditor @ Construcciones Región Bajío

Spring 2018

Network security, ergonomics and IT management - Communication Network designer - Hardware and software technical advice – Cloud storage implementation

Research assistant @ Universidad de Guanajuato

Summer 2017

19° Verano de la Ciencia Región Centro
Research about giant galaxies -Search algorithm programming in FORTRAN - Analysis of results and spatial coordinates - [VCRC memories article](#) p. 378

Research assistant @ Universidad de Guanajuato

2017

Network assembler in Linux - Python nodes programmer – Metaheuristics tester

Records assistant @ Universidad de Guanajuato

Fall 2016

Analyst - Online questionnaire designer - Data capture - Statistical report writer

Instructor assistant @ Universidad de Guanajuato

2016 – 2017

“Moodle Course for teachers” - Teachers advisor at the course -Support in the design of courses

Technician @ Axxess Telefonía

2009 –2014

Bills and reports capturing - Communication network designer -Software installation and deployment – Hardware implementation

PROFESSIONAL SKILLS

Java	○○○○○○○○○○
C / C++	○○○○○○○○○○
Python	○○○○○○○○○○
PHP	○○○○○○○○○○
SQL	○○○○○○○○○○
Mongo	○○○○○○○○○○

EDUCATION

Master of Science in Computer Science

Instituto Tecnológico y de Estudios Superiores de Monterrey
2019 - 2020

Bachelor of Information Technology

Universidad de Guanajuato
2014 - 2018

CONTINUOUS EDUCATION

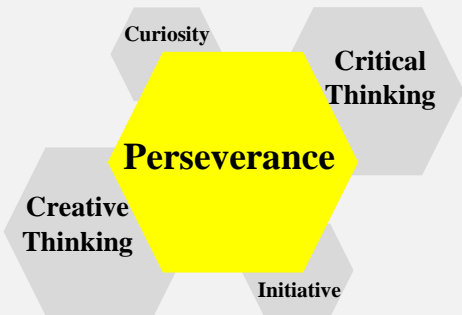
P.R.O.T.O.N. GCSA International Certification

Organización Internacional Vive México - CONCF-152 – Aubigne Racan
2020

Workshop on Leadership, Entrepreneurship & Design Thinking

Lakehead University
2017

PERSONAL SKILLS



AWARDS

Outstanding student @ Universidad de Guanajuato
2015 and 2016

3rd Place at Social Category @ Innova • Crea UG
2017

LANGUAGES



TOEFL ITP: 572 Points



Native