

# Emiliano Galeana Araujo



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## EDUCATION

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2016–2021- MAY	Bachelor of Science in Computer Science <i>Universidad Nacional Autónoma de México, Facultad de Ciencias</i> GPA: 9.02
2019–2023- MAY	Bachelor of Science in Mathematics <i>Universidad Nacional Autónoma de México, Facultad de Ciencias</i> GPA: 9.50

## WORK EXPERIENCE

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2020	Universidad Nacional Autónoma de México, Facultad de Ciencias <i>Laboratory assistant for courses of the Computer Sciences program Courses:</i> Computer Architecture, Programming Languages, Discrete Mathematics
2019 - PRESENT	Universidad Nacional Autónoma de México, Facultad de Ciencias <i>Introductory course, assistant.</i> Help to impart a preparatory course for the new students of CS.
FALL 2018/2019	Universidad Nacional Autónoma de México, <i>Volunteer.</i> Design, impart and prepare a basic javac course for a group of twenty new students of CS
FALL 2018	UNAM-PAPIME102117, Facultad de Ciencias <i>Scholarship program.</i> Design and write a solutions book of the Programming Language course called <i>Solucionario del curso de lenguajes de programación</i> 2019–1 by Dr. Favio E. Miranda Perea

## MAJOR SCHOOL PROJECTS

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SUMMER 2020	Music Parser <i>Implemented in Haskell a kind of music parser from notes to sound.</i>
SPRING 2020	Heuristic optimization for TSP <i>Implemented in go the simulated annealing heuristic for TSP.</i>
SUMMER 2019	Configuration emacs <i>My own emacs configuration.</i>
SPRING 2019	Guess the movie with emojis. <i>Implement the game in console using haskell.</i>
FALL 2019	Convex Hull/Sweep Line <i>School project, implementation of the algorithms using java.</i>
FALL 2018	Programming Language <i>School project, implemented a basic programming language using Haskell as host language.</i>
SPRING 2018	Data Structures <i>School project, implemented some of the best known data structures using java.</i>
SPRING 2017	Steganography <i>School project, Program in java that encrypts an image using LSB (Less Significant Bit)</i>

## TECHNICAL SKILLS

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4 YEARS	Java/Haskell
2 YEARS	C/C++/Python
6 MONTHS	Go/emacsLisp

## WORKFLOW

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emacs, git, linux(Ubuntu, Fedora, Debian, Arch), L<sup>A</sup>T<sub>E</sub>X.

## AWARDS AND LEADERSHIP

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2019	Best Project Idea for IBM challenge <i>Winner of IBM challenge at UNAMxHacks</i>
2019	Final of the national CTF(Capture The Flag).
2018	Honorable mention at the international olympic of logic.