

ALAN MATZUMIYA



Alan Daniel Matzumiya Zazueta

»»» I'm Chemical Engineer and M.Sc. Mathematics. I Also Have Solid Knowledge in Software/ Web Development.

»»» ABOUT

- » Age: 31 years
- » Birthday: 14 Sept 1992
- » Civil Status: Single
- » Hometown: Guaymas, Son
- » English: Speak 80%, Write 90%
- » Residency: Hermosillo, Son

»»» EXPERIENCE

Professional Practices

CFE, Hermosillo, May-Ago 2015

- » Training in the water treatment plant, participating as assistant to the chemical engineer in charge of the area.

Scientific Investigation

UNAM, Oaxaca, Jun-Sep 2018

- » Studies about numerical methods to solve stochastic partial differential equations.
- » The article publication can be consulted at the following button.

get-info

Programming workshops

Unison, Hermosillo, 2017 - 2019

- » Workshops on introducing the language and its use to solve engineering problems.
- » The class material can be consulted at the following button.

git-page

Developer Full-Stack

Necodex, 2020 - 2021

- » Frontend and Backend Developer, DevOps, Quality Assurance, QA Automation.

Plant Operations Engineer

Windstar LPG, 2021 - 2023

- » Control and management of inventories, preparation and approval of mass balances in refined petroleum products, Purchase and sale of LPG, personnel management, Supply chain activities for road transport and retail trade.

IT Support

SONDA, Hermosillo, 2023 - 2024

- » Support and technical assistance to users ensuring a solution to their internal company and client requirements.
- » Responsible for providing the client with technical assistance in resolving their incidents, managing all the actions necessary to obtain customer satisfaction.

»»» EDUCATION

Master's Degree in Mathematical Sciences

Unison, Hermosillo, 2017 - 2019

- » Thesis: Numerical Solutions to the Stochastic and Deterministic Burgers Equation Using Spectral Methods.
- » Click on the following button to download the thesis file:

PDF

Bachelor's Degree in Chemical Engineering

Unison, Hermosillo, 2011 - 2016

- » Thesis: Caracterización y evaluación de las propiedades bioactivas de una mezcla de biocompuestos de hidroxiapatita / β -wollastonita.
- » Click on the following button to download the thesis file:

PDF

CONTACT

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SKILLS

Leadership, Organization, Planning, Teamwork, Initiative

Software / Web Development

★★★★★★★★★★★

Numerical Algorithms / Data Analysis

★★★★★★★★★★★

Python / JavaScript 9yrs

Visual Basic / PHP 10yrs

C++ / Fortran 10yrs

R / Matlab 9yrs

HTML / CSS / Markdown 7yrs

MySQL / MariaDB 7yrs

TECHNOLOGIES



Git / Selenium / Docker

Django / Flask / Dash

Google Analytics Android Studio

PyCharm / Visual Studio

Jupyter Notebook / RStudio

ACTIVITIES

