ALAN MATZUMIYA

Alan Daniel Matzumiya Zazueta

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

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

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 ℹ

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.

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 biocompósitos de hidroxiapatita / β-wollastonita.

> Click on the following button to download the thesis file: PDF ⬇

TECHNOLOGIES

 Git / ✔ Selenium / ⇄ Docker

 Django / Flask / Dash

G Google Analytics   Android Studio

</> PyCharm / Visual Studio

 Jupyter Notebook / RStudio

ACTIVITIES