Resume

Alan Rivas

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Education

Intituto Tecnológico de Estudios Superiores de Monterrey   Monterrey, Mex

Bachelor of Science, *Field of Study*: Physics Engineering   December

2024 Excellence List Academic Achievement Award (all previous years)

Certificate in Data Science (Cristal Enterprise)

Academic Talent Scholarship 60% of tuition (Worked up to 30+ hours a week to defray cost of tuition.40%)

Relevant coursework in optics, unwrapping phase for imaging reconstruction

Experience

Fetal Neonatal Neuroimaging and Developmental Science Center (Harvard Medical School)   Boston, MA

Student Research Intern   August 2023 – June 2024

- Developing an architecture for a new deep learning model in segmentation to reconstruct brains through MRI.
- Strong skills in Linux, Python, Pipelines development, Project Management, Machine Learning, and focused research.
- Data Science Course Harvard *John A. Paulson School of Engineering and Applied Sciences*. Pavlos Protopapas Ph.D.
- Lead a team of 6 students to manage the deep learning new data set project.

CEMEX   Monterrey, Mex

Data Science Student Intern   January 2023 – June 2023

- Lead an automated project to develop new metrics in low production.
- Reduced numbers of production decrease by 8% in one production plant of CEMEX

El Rey del Paste   Monterrey, Mex

Founder and CEO   January 2023 – Currently

- Fast Food SME founded visualizing a commerce opportunity in a student area.
- Investments, Financial, Marketing, Logistics, Accountability are the areas supervised.
- Lead a team of 6 members (support and kitchen staff) to get focused in the main goals of the enterprise.
- Enterprise valued in $1,000,000 pesos mexicanos ($ 60, 000 dollars).

Volunteer Experience

Project 99   Monterrey, Mex

Astronomy Teacher. Free courses to children and teenagers, who don't have access to education,

Python Language Teacher. Programming classes to low-income women

Robin Hood Camp   Maine, ME

Astronomy Teacher. English Courses to children and teenagers

Additional Information

GitHub Portfolios

https://alanjese23.github.io/

Student Portfolios.

https://miscompetenciastec21.tec.mx/elumen/portfolio/48O4pXf1OjF0NzQ

Athletic person, astronomy lover, soccer fan, soccer introduced my interest in data science.