

Carlos Salinas

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cdrlos.github.io

EDUCATION

Purdue University

Master of Science in Mathematics

West Lafayette, IN

Aug. 2020

University of Texas–Pan American

Bachelor of Science in Mathematics

Edinburg, TX

May 2014

EXPERIENCE

Graduate Student/Teaching Assistant

Department of Mathematics, Purdue University

Aug. 2014 – May 2020

West Lafayette, IN

- Led two to three recitation sections per semester for undergraduate math courses, including Calculus 1, 2, 3, and Differential Equations/Linear Algebra.
- Graded homework, wrote quizzes, and proofread exams for several undergraduate courses, including Calculus 1, 2, 3, Differential Equations and PDEs for Engineering and the Sciences, and Advanced Mathematics for Physicists and Engineers.
- Put up a university-hosted personal website to upload relevant course material such as quiz and homework solutions, recitation notes, and relevant course statistics.

Undergraduate Research Assistant/System Administrator

Experimental Algebra & Geometry Lab, University of Texas–Pan American

Sep. 2013 – May 2014

Edinburg, TX

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PROJECTS

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SKILLS

Languages: Python, C, Matlab/Octave, R, Java

Frameworks: Jekyll, WordPress

Developer Tools: Git, Emacs, Vim, Eclipse

Python Libraries: pandas, NumPy, matplotlib, scikit-learn, Keras, NLTK, spaCy

R Libraries: tidyverse, tidymodels, forcats, shiny

Misc. Software: SQL (Postgre), LaTeX, Linux, Mathematica, Microsoft Office (Word, Excel, Outlook, PowerPoint)

Natural Languages: Spanish (Native), Russian (Fluent), Persian (Conversational), French (Proficient)