

Alex Marroquin

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Objective

Engage students in mathematics and computing while holding them responsible for their own learning through current teaching standards and new experiences learned in an international environment.

Education

Bachelors of Science in Electrical Engineering

Graduation Date: Spring 2013

Minors: Mechanical Engineering, Computer Science
The University of Texas-Pan American, Edinburg, TX
GPA: 3.53

Masters of Science in Computer Science

Graduation Date: Fall 2017

The University of Texas-Pan American, Edinburg, TX
GPA: 3.85

Experience

Mathematics Teacher

Aug. 2013 - Present

PSJA ISD Southwest Early College High School, Pharr, TX

- Geometry Pre-AP teacher
 - Geometry Content Leader
- Algebra 1 and Math Models teacher
- Algebra 2 teacher
- University Interscholastic League Coach
 - Computer Science
 - Student placed 3rd in district & top ½ in regionals
 - Mathematics
 - Physics
 - Student placed 2nd in district & top 10 in regionals

Aug. 2013 – May 2015

Aug. 2014 – May 2015

Aug. 2015 – May 2017

Aug. 2017 – Present

Aug. 2015 – Present

Apr. 2016

Aug. 2016 – Present

Aug. 2015 – Present

Apr. 2016

UTPA Learning Assistance Center Math Tutor

Sep. 2009 - May 2011

The University of Texas-Pan American, Edinburg, TX

- Volunteered 5 hrs. weekly as tutor from College Algebra to Calculus 3

UTPA IEEE Computer Science Tutor

Aug. 2010 - Dec 2010

The University of Texas-Pan American, Edinburg, TX

- Volunteered 10 hrs. weekly as tutor for Computer Science

Skills

- Languages: English and Spanish (Fluent in oral and written), Japanese (Beginner spoken)
- Programming: Experienced in MATLAB, SIMULINK, Java, C++, PHP, SQL, XHTML, and some Python

Certifications

- CIW Web Design Specialist
 - Site Development Associate
 - Associate Design Specialist
- Engineer-In-Training (EIT) Eligible
 - Passed the Fundamentals of Engineering Exam
- Standard Teacher Certificate (TX)

- Mathematics/Physics 7-12

Websites

<https://sites.google.com/site/marrokalex>

<https://gist.github.com/macroxela>

<https://www.linkedin.com/pub/alex-marroquin/35/b62/950>