

Links

Github:
github.com/edwin-torres
LinkedIn:
[linkedin.com/in/torres-edwin](https://www.linkedin.com/in/torres-edwin)

Skills

TECHNICAL SKILLS

C++ • JavaScript • React • Git
Node.js • HTML5 • CSS3

SOFT SKILLS

Collaboration • Leadership
Public Speaking • Resourcefulness
Bilingual (English, Spanish)

Coursework

Algorithms & Data Structures
Object Oriented Programming
Mathematical Modeling
Linear Algebra
Advanced Calculus
Discrete Mathematics

Education

TEXAS A&M INTERNATIONAL UNIVERSITY
Graduated August 2016
Master of Science
Major: Mathematics

TEXAS A&M INTERNATIONAL UNIVERSITY
Bachelor of Arts
Major: Mathematics
Graduated May 2012
• Summa Cum Laude
• D.D. Hachar Honors Scholar

Technical Projects

Dijkstra's Algorithm Visualization

Finds the shortest distance from a source node to all other nodes (Shortest Path).

<https://edwin-torres.github.io/github-page/#/projects/dijkstra>

Maximum Cost Path Finder

Calculates the maximum cost to arrive at the position of a matrix element and finds the corresponding path (Dynamic Programming).

<https://edwin-torres.github.io/github-page/#/projects/cost>

Genetic Algorithm

Evolves a population of random string members towards a target phrase (Selection, Mutation, and Crossover).

<https://edwin-torres.github.io/github-page/#/projects/genalg>

Experience

Assistant Professor, Laredo College

2019-Present

Instructor, Laredo College

2017-2019

Courses:

Calculus I • Plane Trigonometry • College Algebra • Calculus for Business & Social Sciences • Developmental Mathematics

Committees Chaired:

• College Algebra Committee (2019-Present) • Mathematics Outreach Committee (2018-2019)

Other Committee Membership:

• Quality Enhancement Plan (2019-Present) • Developmental Mathematics (2017-Present) • Hiring Committee (2017-2018)

Teacher, United High School

2013-2016

Courses:

AP Calculus AB • AP Calculus BC • Precalculus

Achievements/Awards

Laredo College Excellence Awards

April 2020

The Quality Enhancement Plan Committee was awarded the Teamwork Award for its contributions towards the college's re-accreditation.

Lamar Bruni Vergara Academic Conference

May 2012

Second Place (Undergraduate) - Business

Lamar Bruni Vergara Academic Conference

April 2010

Second Place (Undergraduate) - Mathematics, Computers, and Engineering