

Timothy Emmerich

Software Developer // Mechanical Engineer

3513 N Northwest Dr
Hobbs, NM 88240
(575) 318 - 7368
timothyemmerich@gmail.com
www.tremmerich.com

EXPERIENCE

New Mexico Junior College Hobbs, NM — *Math and Science Tutor*

SEPTEMBER 2016 - PRESENT

Helped students address any gaps in knowledge or understanding of course material they may have for classes like algebra, physics, statistics, calculus, and biology.

The Greg Team (Real Estate) San Antonio, Texas — *Transaction Coordinator*

August 2015 - December 2016

Coordinated home buying and selling paperwork between various title companies, lenders, real estate agents, and home buyers/sellers.

Xcel Energy Hobbs, NM — *Distribution Design Engineer*

JULY 2014 - MAY 2015

Oversaw design of power distribution delivery for commercial and residential customers, both in office and on-site as needed. Responsible for project management, customer interface, construction coordination, and deliverables like detailed construction plans, easements, and payments.

EDUCATION

New Mexico Institute of Mining and Technology, Socorro, NM — *Mechanical Engineering, B.S. with Honors*

FALL 2008 - SPRING 2013

Minor in Aerospace Engineering

Hobbs High School, Hobbs, NM — *Valedictorian*

FALL 2004 - SPRING 2008

PUBLICATIONS

CFD Supported Examination of Buoy Design for Wave Energy Conversion — *IGEC-VI, 2011*

<https://www.flow3d.com/wp-content/uploads/2014/08/CFD-Supported-Examination-of-Buoy-Design-for-Wave-Energy-Conversion.pdf>

Languages

HTML
CSS
SQL
JavaScript
C
C++
Java
Ruby

Tools

git
cmd/unix
Flow 3D
SolidWorks
ANSYS
MS Office

Concepts

DOM
OOP
Big O
Tests