DAVID ORTEGO

davidortego@gmail.com • (936) 201-0456 • davidrortego.github.io • Nacogdoches, TX

CEO and Software Engineer with knowledge of applied information theory, including optimizing lossless compression schema of both the length-limited and adaptive variants.

EXPERIENCE

CEO/President, Pied Piper   **Dec 2013 – Dec 2014**

Pied Piper is a multi-platform technology based on a proprietary universal compression algorithm that has consistently fielded high Weisman Scores™ that are not merely competitive, but approach the theoretical limit of lossless compression.

- Build an algorithm for artist to detect if their music was violating copyright infringement laws
- Successfully won Techcrunch Disrupt
- Optimized an algorithm that holds the current world record for Weisman Scores

Teacher, CoderDojo   **July 2013 – Dec 2013**

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

PROJECTS

Miss Direction   **Aug 2016**

A mapping engine that misguides you:

- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

EDUCATION

University of Oklahoma, BA Information Technology   **2011 – 2014**

- GPA 4.0
- DB1101 - Basic SQL
- CS2011 - Java Introduction

SKILLS

- Web development: HTML, CSS, JavaScript
- Compression: Mpeg, MP4, GIF