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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

 $\square\square$ $\square\square\square$ $\square\square\square\square\square\square$? Pied Piper is a multi-platform technology based on a proprietary universal compression algorithm that has consistently fielded high Weisman ScoresTM 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