# RICHARD HENDRICKS

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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

Pied Piper is a multi-platform technology based on a proprietary universal compression algorithm that has consistently fielded high Weisman Scores<sup>TM</sup> 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