

# RICHARD HENDRIKS

PROGRAMMER

## ABOUT

- NEWELL ROAD  
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## WEB DEVELOPMENT

### MASTER

HTML  
CSS  
JAVASCRIPT

## COMPRESSION

### MASTER

MPEG  
MP4  
GIF

## LANGUAGES

ENGLISH (NATIVE SPEAKER)

## INTERESTS

### WILDLIFE

Ferrets  
Unicorns

## SUMMARY

Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinals!) Before starting Pied Piper, he worked for Hooli as a part time software developer. While his work focuses on applied information theory, mostly optimizing lossless compression schema of both the length-limited and adaptive variants, his non-work interests range widely, everything from quantum computing to chaos theory. He could tell you about it, but THAT would NOT be a "length-limited" conversation!

## EXPERIENCE

### PIED PIPER

CEO/PRESIDENT

04/2014 - PRESENT

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 copy right infringement laws
- Successfully won Techcrunch Disrupt
- Optimized an algorithm that holds the current world record for Weisman Scores

### HOOLI

SOFTWARE ENGINEER

01/2013 - 04/2014

Worked on optimizing the backend algorithms for Hooli

## VOLUNTEER

### CODERDOJO

TEACHER

01/2012 - 01/2013

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

## EDUCATION

### STANFORD

PALO ALTO, CA

06/2011 - 01/2014

B.S COMPUTER SCIENCE  
GPA 4.0  
Machine Learning

- DB1101 - Basic SQL
- CS2011 - Java Introduction

## AWARDS

### DIGITAL COMPRESSION PIONEER AWARD

TECHCRUNCH

There is no spoon.

## PUBLICATIONS

### VIDEO COMPRESSION FOR 3D MEDIA

HOOLI

10/2014

Innovative middle-out compression algorithm that changes the way we store data.

## REFERENCES

“ It is my pleasure to recommend Richard. That is all.

— ERLICH BACHMAN