

Richard Hendriks



Programmer

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Education

University of Oklahoma Jun 2011 - Jan 2014
Bachelor Information Technology
GPA: 4.0
DB1101 - Basic SQL
CS2011 - Java Introduction

Skills

Web Development
Master

[HTML](#) [CSS](#) [JavaScript](#)

Compression
Master

[Mpeg](#) [MP4](#) [GIF](#)

Languages

[English](#) - Native speaker

Interests

Wildlife

[Ferrets](#) [Unicorns](#)

Introduction

Richard hails from Tulsa. He has earned degrees from the University of Oklahoma and Stanford. (Go Sooners and Cardinal!) 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!

Work

Pied Piper

CEO/President

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

Volunteer

CoderDojo

Teacher

Jan 2012 - Jan 2013

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

Publications

Video compression for 3d media

Hooli

Oct 1, 2014

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

Projects

Miss Direction

Team lead, Designer

Smoogle

Aug 2016 - Aug 2016

<https://missdirection.example.com>

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

[GoogleMaps](#) [Chrome Extension](#) [Javascript](#)

Awards

Digital Compression Pioneer Award

Techcrunch

Nov 2014

There is no spoon.

References

It is my pleasure to recommend Richard, his performance working as a consultant for Main St. Company proved that he will be a valuable addition to any company.

— Erlich Bachman