

# Hugo Serra

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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!

**Twitter** [neutralthoughts](#)    **SoundCloud** [dandymusicnl](#)

## SKILLS

WEB DEVELOPMENT	HTML, CSS, Javascript
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COMPRESSION	Mpeg, MP4, GIF
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## EXPERIENCE

**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

## VOLUNTEERING

### CoderDojo

**Teacher**    Jan 2012 - Jan 2013

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

## EDUCATION

### University of Oklahoma

Jun 2011 - Jan 2014

Bachelor - Information Technology

## AWARDS

Digital Compression Pioneer Award

undefined NaN

Techcrunch

There is no spoon.

## PUBLICATIONS

Video compression for 3d media

Hooli

2014-10-01

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

## LANGUAGES

English

*Fluent*

## INTERESTS

Wildlife

- Ferrets
- Unicorns

## 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