

Isaac Castillo

Programmer

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About

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!

Profiles

Twitter

icemancast

SoundCloud

dandymusicnl (<https://soundcloud.com/dandymusicnl>)

Work

Pied Piper

2013-12-01 – 2014-12-01

CEO/President

<http://piedpiper.com> (<http://piedpiper.com>)

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.

Highlights

- 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

2012-01-01 – 2013-01-01

Teacher

<http://coderdojo.com/> (<http://coderdojo.com/>)

Global movement of free coding clubs for young people.


Highlights

- Awarded 'Teacher of the Month'

Education

University of Oklahoma

2011-06-01 – 2014-01-01

 Information Technology
Bachelor

Courses

- DB1101 - Basic SQL

- CS2011 - Java Introduction

Awards

Digital Compression Pioneer Award

by Techcrunch

Awarded 2014-11-01

There is no spoon.

Publications

Video compression for 3d media

2014-10-01

View publication ([http://en.wikipedia.org/wiki/Silicon_Valley_\(TV_series\)\)](http://en.wikipedia.org/wiki/Silicon_Valley_(TV_series)))

Published by Hooli

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

Skills

Web Development

- HTML
- CSS
- Javascript

Compression

- Mpeg
- MP4
- GIF

Languages

English

Native speaker

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**