



Ahmed

Programmer

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English

BACKGROUND

ABOUT

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 EXPERIENCE

CEO/President, [Pied Piper](#)

Dec, 2013 - Dec, 2014 1 year

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

PROJECTS EXPERIENCE

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

SKILLS

Web Development

HTML

CSS

Javascript

Compression

Mpeg

MP4

GIF

EDUCATION

Information Technology, Bachelor, University of Oklahoma

Jun, 2011 - Jan, 2014

DB1101 - Basic SQL

CS2011 - Java Introduction

AWARDS

Digital Compression Pioneer Award , Techcrunch

Awarded on: Nov 01, 2014

There is no spoon.

VOLUNTEER WORK

Teacher, CoderDojo

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

Published on: Oct 01, 2014

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

INTERESTS

Wildlife

Ferrets

Unicorns

REFERENCES

Erlich Bachman

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.

