



# Bruno Mairey

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,

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

## Miss Direction,

Aug, 2016 - Aug, 2016      1 day

- Won award at AIHacks 2016
- Built by all women team of newbie programmers
- Using modern technologies such as GoogleMaps, Chrome Extension and Javascript

## SKILLS

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### Web Development

HTML

CSS

Javascript

### Compression

Mpeg

MP4

GIF

## EDUCATION

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### Information Technology, Bachelor, University of Oklahoma

Jun, 2011 - Jan, 2014

DB1101 - Basic SQL

CS2011 - Java Introduction

## AWARDS

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### Digital Compression Pioneer Award Techcrunch

Awarded on: Nov 01, 2014

There is no spoon.

## VOLUNTEER WORK

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### Teacher, CoderDojo

Jan, 2012 - Jan, 2013

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

## PUBLICATIONS

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### Video compression for 3d media, Hooli

Published on: Oct 01, 2014

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

## INTERESTS

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### Wildlife

Ferrets

Unicorns

## REFERENCES

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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.

