Richard Hendriks

Programmer

About

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piedpiper.com

siliconHBO

SiliconHBO

siliconhbo

Skills

Expert

Git-Ops/IAC

K8 | Docker | CI/CD | Observability | Git

Frontend

React | Pug/SASS | Typescript | Node | Express

Backend

Python | Ruby | GRPC | Kafka | Protobuf | ETL Pipeline | pSql/noSql | Redis | TSDBs

Advanced

Project Management

Agile/Kanban | Scrum Master | Jira | Sheets/Excel | Task Decomposition

Technical Design

UML/C4 | DDD | EA | TOGAF

Experimenting

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Solidity | Substrate (blockchain) | Rust | VectorDBs

Languages

Expert ★★★★★

Typescript | Python | Ruby

Advanced ★★★★

Bash/Shell | SASS/CSS

Experimenting ★★★

Kotlin | Rust

Legacy ★

Java | C++ | MIPS

Summary

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!

Experience

Pied Piper | CEO/President

2014-04-13 - Present

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

Hooli | Software Engineer

2013-01-01 - 2014-04-06

Worked on optimizing the backend algorithms for Hooli

Volunteer

Teacher

Global movement of free coding clubs for young people.

- Awarded 'Teacher of the Month'

Education

Stanford | B.S | Computer Science

2011-06-01 - 2014-01-01

Palo Alto, C

GPA 4.0

Machine Learning

- DB1101 - Basic SQL
- CS2011 - Java Introduction

Awards

Digital Compression Pioneer Award | Techcrunch

There is no spoon.

Publications

Hooli

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

References

> *It is my pleasure to recommend Richard. That is all.*

— Erlich Bachman

Interests

Favorite Books