

# Chad Stearns

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[github.com/chadtech/resume](https://github.com/chadtech/resume), [view online](#)

## projects

Roc, a functional programming language that compiles to machine code.

tech: **Rust**, **Zig**, **LLVM**

Radler, a music composition and audio generation application.

tech: **Haskell**, **Elm**, **Electron**

CtPaint, pixel art software in the browser.

tech: **Elm**, **AWS Lambda**

elm-community/list-extra, list helper functions; one of Elm's the most used packages.

elm-canvas, html canvas in the Elm programming language.

Solafide Forbes Nash Machine, 48 key analog synthesizer.

tech: **Electronics**

## talks

"HashMaps" 2022

Elm Online Meetup 2021

Elm Europe 2019

Munich Frontend 2018

Desert Code Camp 2016

QueensJS 2016

29C3 2012

## meet ups

Rust Philadelphia

Elm I> Munich organizer

Elm NYC regular speaker

Coffee & Code host

Phx ReactJS organizer

LM Labs organizer

NodeAZ regular speaker

## awards

Arduino Wearables 2014

Html Game Hackathon 2012

## volunteering

HeatSync Labs

May 2012 - April 2014

501(c)3 non-profit

treasurer

~\$30k in annual revenue

## education

B.S. Economics

Arizona State University

Dec 2013

## career

StructionSite, Lead Software Engineer

May 2021 - present | Acquired by DroneDeploy

tech: **Elm**, **Rust**, **Postgres**, **GraphQL**

StructionSite serves the largest construction companies by providing them with weekly "google street views" of construction sites so that project managers can remotely track material progress.

- Delivered features for a data intensive application in performance sensitive code

MackeyRMS, Principal Software Developer

Jun 2020 - Apr 2021 | Merged with InsiderScore

tech: **Elm**, **Haskell**

MackeyRMS is a tool for investors to collect, retrieve, and discuss their market research.

- Lead team through delicate overhaul of entire frontend, both in terms of design and code architecture

Humio, Senior Software Engineer

Nov 2018 - Apr 2020 | Acquired by CrowdStrike

tech: **Elm**, **Scala**, **GraphQL**

Humio provides high performance data querying to large enterprise customers (Bloomberg, Netlify). On a 25 node system, Humio can query 2.2 million events per second and ingest 100 TB of data a day.

- Responsible for key functionality such as complex infinite scrolling and plugin system.

- Exemplified team standard for code review and pull request descriptions.

- Designed and implemented broad architecture of large front end code base.