Chad Stearns

github.com/chadtech/resume, view online

phone: +1 480 450 6514
email: chadtech0@gmail.com

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 sofware 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 |> 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

SuperFocus.ai, Senior Software Engineer

July 2023 - present
tech: Elm, Rust, Python, Postgres

SuperFocus makes superhuman AI customer service agents. We solved the hallucination problem of LLMs, making AI agents highly reliable and accurate.
- Lead design and implementation of general architecture.
- Responsible for many developer experience improvement projects, including database migrations, feature flags, and tooling.
- Research and prototyping of ambitious 'open sequencing' flow system to streamline AI app development.

StructionSite, Lead Software Engineer

May 2021 - July 2023 | 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.