

## projects

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

tech: Rust, 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/list-extra, list helper functions; one of the most used Elm packages.

elm-canvas, Html Canvas in the Elm programming language.

## contact info

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## talks

Elm Europe 2019

Desert Code Camp 2016

QueensJS 2016

29C3 2012

## education

B.S. Economics

Arizona State University

Dec 2013

## meet ups

Rust Philadelphia

Elm I> Munich organizer

Elm NYC regular speaker

Coffee & Code host

Phoenix ReactJS organizer

3D printing night organizer

LM Labs organizer

NodeAZ regular speaker

## competitions

Arduino Wearables

won

Html Game Hackathon

won

## career

Humio, Senior Software Engineer

November 2018 - April 2020

tech: Elm, Scala, GraphQL

High speed data querying of enormous volumes of log data for enterprise customers.

- Lead development for key functionality of large technical user interface.

Shore GmbH, Senior Software Developer

August 2017 - November 2018

tech: Elm, JavaScript, React

Scheduling and appointment software for small businesses and their customers.

- Created core application, served to thousands of users.

Chadtech Co, CEO

October 2013 - present

tech: Hardware, Elm, JavaScript, React, Go, C++

- Primarily front end client work for start ups

- Ambitious kickstarter for software project.

- High performance audio processing code for immersive online car advertisements.

Local Motors, Lab Manager

February 2015 - Sept 2015

tech: 3D printing, CAD, CNC machining, Electronics, JavaScript, React

Experimental car manufacturer using crowd sourced engineering work and maker of the world's first 3D printed car.

- Built electronic and computer components for automotive engineering initiatives.

- Taught classes for CNC milling and 3D Printing

- Ambassador to local community and governance