

alex_s168

Articles (Atom feed)

└ Automatically inlining functions is not easy └ Approaches to pattern matching in compilers └ The making of the favicon └ Making a simple

RegEx engine:

Part 1: Introduction to RegEx

Socials

└ GitHub └ Discord: alex_s168 └ E-Mail └ nostr └ Codeberg

Noteable projects

└ Programming languages and compilers | └ vxcc : WiP multi-level compiler | └ uiuac : (discontinued) Optimizing compiler for the Uiua programming language | └ LSTS's standard library | └ FP programming language compiler mostly using interaction nets | └ lil-rs : WiP implementation of lil └ Misc. | └ tpre : Fast and minimal RegEx engine | └ nostr relay implementation └ PCBs | └ etc-nand : ETC.A CPU from NAND gates └ FPGA designs └ RMII MAC in Chisel └ Configurable AES accelerator in Chisel

Skills

└ Programming languages | └ C++ and C | └ Rust | └ Uiua | └ Python, Lua, ... └ Writing compiler frontends but mostly backends └ Hardware design with Chisel and Verilog └ Internals of MLIR

This website is written almost entirely in typst.

Website source code

Latest version of my badge:

<https://alex.vxcc.dev/res/badge.png>

Check out these websites: