LeRoyce Pearson

Fullstack Web Developer

LINKS

Portfolio: **leroycepearson.dev**
GitHub: **github.com/leroycep**
LinkedIn: **leroyce-pearson**

CONTACT

Email: **leroycepearson@geemili.xyz**
Phone: **262.484.1318**

SKILLS

LANGUAGES

HTML • CSS • JavaScript
Rust • Python • Shell

FRAMEWORKS

React • Redux • OpenGL
SDL • Arduino

SOFTWARE

Linux • Git • Command Line

EDUCATION

LAMBDA SCHOOL

2020 | Remote

- Fullstack Web Development
- Computer Science
- Used Agile development methodology
- Practiced testing client and server software

LAKEVIEW TECH. ACADEMY

Grad. Jun 2016 | Pleasant Prairie, WI

- Tech focused high school
- IT track
- Some college level IT classes

PROJECTS

STREET SMARTS | Fullstack Developer

Compare the five year cost to own and CO_2 emissions of various car models
• JavaScript • node.js • React • Postgres • Knex •

- Collaborated with 5 web developers, 3 data scientists, and a UX designer
- Led development on backend and deployed to Heroku
- Built custom SVG components to be used on frontend
- User flow is 2x faster than competitor websites
- See Street Smarts's source: github.com/Lambda-School-Labs/street-smarts-fe

AUGR | Developer

Personal time tracking software
• Rust •

- Designed file format to be synchronized over Syncthing/Dropbox with ease
- Used Rust's powerful type system to reduce bugs at compile time
- See augr's source: github.com/leroycep/augr

GAME OF LIFE | Developer

An implementation of Conway's Game of Life with powerful editing tools
• Zig • JavaScript • Canvas API • WebAssembly •

- Dynamic interface allows for panning and zooming
- Clipboard facilitates creation of repeating designs
- GUI based on FlexBox and CSS Grid implemented for Canvas API
- Written in Zig and compiled to WebAssembly
- See Game of Life's source: github.com/leroycep/game-of-life

EXPERIENCE

LAMBDA SCHOOL | Team Lead

Jul 2020 – Mar 2021 | Remote

- Mentored students in HTML/CSS, JavaScript, and git
- Reviewed the code of 5+ students 2-3 times a week for clarity and correctness
- Resolved 100+ requests for technical assistance in student slack channels

KNOWLES ELECTRONICS | Reliability Technician

July 2017 – Dec 2019 | Itasca, IL

- Worked on a team of 6 Reliability Technicians and 3 Reliability Engineers
- Tested hundreds of microphone designs to ensure reliability
- Operated automated equipment to stress devices and verify functionality
- Designed system to track inventory of 100+ different PCB part codes

DEPTHSIGHT INNOVATIONS | Lab Technician/Programmer

July 2016 – Sep 2018 | Twin Lakes, WI

- Worked on team of 2 to develop firmware and software in Rust and Arduino
- Developed data collection system for analyzing the properties of mattresses
- Performed tests on matresses

INT INC. | Summer Networking Intern

June 2015 – Aug 2015 | Buffalo Grove, IL

- Made sure that documentation was up to date and labeled servers and outlets
- Installed Linux on several devices