



MATTHIAS PORTZEL

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CAREER OBJECTIVE

I'm looking for an intermediate-level software engineering job.

Availability: Early 2024

LANGUAGES

- Javascript
- Python
- Ruby
- Typescript
- C
- Scheme / Lisp
- Java
- Zig
- HTML, CSS

LIBRARIES AND TECHNICAL SKILLS

- React & React Native
- Ruby on Rails
- Git
- Linux CLI & administration
- Apache HTTPD
- Django

INTERPERSONAL SKILLS

- Asks questions
- Communicates well
- Willing to learn
- Passionate about quality software design

EDUCATION

Computer Science, B.S.

From **Case Western Reserve University**, Fall 2023

Oaks Christian High School, 2019

EXPERIENCE

Software Engineering Intern, careviso — 2022–2023

Worked with the Engineering team at careviso to develop healthcare billing solutions. Used **Ruby on Rails** and **React**. Learned how to do **production**-level data processing.

Teaching Assistant, Intro to Operating Systems — 2021

Helped **teach** programming in **C** (like pointers, structs, etc.) as well as **Linux** command line, in a 300-level class.

xLab Progressive Insurance Mobile Development — 2021

Through CWRU's xLab program, I worked with a team of **cross-disciplinary** students to develop and deliver a **React Native** prototype mobile app to **Progressive Insurance**.

Web Developer, Eradani Inc — 2020–2021

Collaborated with a team of interns to develop proof-of-concept web-apps for Eradani's clients, using **Typescript** and **React**. These web-apps served as **CRUD** front-ends for IBM-I machines.

Mobile App Developer, S. Pancakes — 2020

Worked with the creator of the S. Pancakes card game to create a **mobile app**. Used the Solar2D Lua SDK and a **Python** backend to implement **live** gameplay with **WebSockets**.

ACTIVITIES & PROJECTS

HackCWRU (Prize Winner 2020)

Terra Magma

Juggling Club

CWRU Micromouse Robotics Team

Personal microblog

OurJSEditor.com

MIT Battlecode

Open Source contributions

KA CS Content Judge

Shared Linux administration

KA Extension

Gemini Server

Lucid Education

High School Senior Class President