

Lyonel Pierce

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Profile

Experienced Frontend Developer with a solid foundation in Web Design, 3D, and AI Tools. Skilled in a variety of programming languages such as HTML, CSS, SQL, Javascript, Typescript, Python, and PHP. Bilingual in English and Spanish. Seeking a challenging opportunity to leverage expertise in a frontend developer position.



Work Experience

08/2023

United States · Remote

Frontend Engineer Lore Machine

- Enhanced application security by setting and enabling RLS policies in Supabase.
- Implemented Next.js directory reorganization to enable multiple layouts for landing and dashboard pages, improving separation of concerns using Next.js app router.
- Integrated 3D visualizations leveraging react-three-fiber, react-three-drei and post-processing for immersive user experiences.
- Implemented global state management for modals and notifications via zustand to enable simplified access across components.

05/2022 – 07/2023

New York, United States · Remote

Software Engineer Devmountain

- Development of foundational data structures, algorithms, and testing methodologies for front-end, back-end, and database programming utilizing technologies such as Javascript, React, PostgreSQL, Next.js, HTML, CSS, and Bootstrap.
- Engaged in collaborative pair-programming exercises with cohort colleagues to enhance coding proficiency and teamwork skills.
- Actively participated and contributed to software improvements, including products, processes, methods, and tools, as well as design inspection.

01/2022 – 05/2022

New York City Metropolitan Area

Data Analyst ZEN3

- Collaborated with the data science team to help improve the annotation interface and contribute ideas to improve the annotation process.
- Gained basic machine learning knowledge to better understand how annotations are used, allowing to make more judgement calls on edge cases that may come up during labelling.
- Utilized experience with art and design, use our editing interface to annotate and QA existing labels of security cameras images with appropriate, pre-defined tags.

04/2020 – present

Web Designer/Developer Thread & Grid Studio

- Spearheaded the creation and development of front-end interfaces for various websites
- Collaborated in developing the back-end infrastructure of a marketplace utilizing Laravel framework
- Designed, implemented, and maintained RESTful APIs to streamline communication between front-end and back-end systems
- Executed database models, migrations, and queries to uphold data integrity and



Work Experience

optimize retrieval processes for enhanced user experience.



Education

08/2022

Web Design / Communication Design | Bachelor of Fine Arts - BFA City Tech, CUNY

Skills: HTML · Cascading Style Sheets (CSS) · JavaScript

04/2018 – 07/2018

Computer Software Engineering | Certificate Devmountain

Full Stack Software Engineer

06/2020 – 06/2022

Graphic Design | Associate's degree Kingsborough Community College

Skills: Adobe Photoshop · Adobe Illustrator · Adobe InDesign



Certificates

06/2023

Foundations (v.1) Devmountain

https://www.credly.com/badges/04812434-3a7d-4f68-8910-1e5e2dbda92b/linked_in_profile



Skills

LANGUAGES

English
Professional

Spanish
Native

COMPUTER LANGUAGES

HTML

CSS

SQL

Javascript

Typescript

Python

FRAMEWORKS

React

Next.js

React Native

Expo

Three.js

Flask

DATABASE

PostgreSQL

MySQL

Pinecone

MongoDB

Supabase

UI FRAMEWORKS

Tailwind CSS

Shadcn UI

Next UI

Bootstrap

Antd

DEPLOYMENT

Vercel

AWS

Railway

Digital Ocean

Azure

AI SDK

OpenAI

Claude

Leonardo.ai

Stable Diffusion

Replicate



Skills

AUTHENTICATION



Clerk

Auth0

NextAuth

Lucia



Social Media



@lyonelpierce



Github