

Riley Underwood

Full Stack Developer - Ripple Learning LLC

Website: boltencoder.github.io/portfolio/



SUMMARY

Extremely driven, creative, and resourceful Full Stack Software Engineer with 5+ years of experience in both frontend and backend development, specializing in enhancing user experience through thoughtful and innovative design. Proven ability to integrate AI technologies, demonstrated by developing backend code to utilize OpenAI's ChatGPT. Strong proficiency in Python and JavaScript programming built on a love for coding that started at 11 years old, bringing vast experience in game design, web development, and team coordination. Striving to learn as much as possible and seeking to exercise skills in a dynamic development environment.



EXPERIENCE

Ripple Learning LLC, Austin — Full Stack Developer

February 2024 - PRESENT

- Led development of backend code to integrate OpenAI's ChatGPT for client's innovative web application, accounting for over 50% of the project's total code contribution.
- Aided less experienced developers with research and writing of frontend and backend code, saving ~60% of project development time.

Chaparral Star Academy, Austin — IT Team Intern

August 2019 - June 2020

- Collaborated with cross-functional teams to build an electronically accessed Chromebook storage container using a Raspberry Pi, stepper motor, and keypad interface.
- Developed database code as well as a system for constant monitoring and regular updates to keep unit and chromebooks safe overnight.



EDUCATION

Austin Coding Academy, St. Edward's University, Austin — Trade School

June 2022 - April 2023

- A nine-month, in person learning program led by professional developers providing expertise and knowledge essential for growth.
- Learned essential skills to become a Full Stack Developer as well as expanded existing skills in many ways such as team collaboration.

PERSONAL INFORMATION:

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SKILLS

Software Development - 5 years

Python - 3 years

JavaScript - 2 years

HTML & CSS - 2 years

GitHub - Git

Artificial Intelligence - OpenAI

React & Node.js

AWS & MongoDB

SQL - MySQL

Game Design

Sound Design & 2D Animation

Team Working

PROJECTS

What I Mean: A translator app utilizing OpenAI to translate not just words, but intentions.

Living Planet: Platforming game built from scratch with custom engine, art, animations and music.

Max1M: My personal AI assistant with a custom UI face, and personality.

Charging Cabinet: Station to charge chromebooks nightly, locked electronically.

ADDITIONAL INFO

More information on projects can be found at my portfolio website. ([linked above](#))

Gaps in work experience are due to irrelevant roles. (ex. retail)