

Brandon Altamirano

Passionate and disciplined Software Engineer searching to establish a long-term career in a company where I may hone my Backend Developer skills and provide effective results. Knowledge of front-end development basics and tools included and practice creating UIs.

PROJECTS

Soccer Social Network (<https://futposts.net/>)

- Social network for users to register an account and search soccer teams or players.
- Coded in Python with Django serving the backend functionality and HTML, CSS, and JavaScript for frontend.
- Deployed through AWS EC2 instance (Ubuntu) with HTTP server Gunicorn and Nginx serving static files.
- Relational database system managed with MySQL, AWS RDS services to store complete user data, and S3 buckets to store media.
- Practiced agile development to initially produce a minimum viable product to iterate and improve the product.

JavaScript Password Generator

(<https://baltamirano-password-generator.netlify.app/>)

- Simple project for practicing parsing and identifying elements from HTML using JavaScript .
- Functions read checked requirements by the user and generate a password that meets their needs.
- Provided function to ensure all requirements are met before displaying a password for the user.
- Deployed in Netlify free frontend hosting services.

Python Tips Records

(https://github.com/brandtheman50/Python_Tips_DataTable)

- Desktop app for recording and calculating the amount of tips received in restaurant jobs.
- Used Tkinter to develop Python GUI and create various widgets such as buttons, inputs, labels, and results.
- Connected to local MySQL database using Python connector and .env file to provide login credentials.
- Practiced input validation, CRUD operations, and displaying logs of user data to provide the best possible user experience.
- CRUD operations interact with GUI and create or delete widgets depending on user input.

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Portfolio:

<https://baltamirano.netlify.app>

Education

San Diego State University

BS in Computer Science

August 2017-December 2021

Coursework

Data Structures

SCI Database Techniques

Computer Architecture

Algorithms & Their Analysis

Operating Systems

Unix System Admin

Software Engineering

Links

LinkedIn:<https://www.linkedin.com/in/baltamirano50/>

Github:<https://github.com/brandtheman50>

Skills

PROGRAMMING

JavaScript(ES6+), Python, Java, C, C++

FRAMEWORKS and DATABASES

Django

Node.js

React, Bootstrap, JQuery

MySQL, MongoDB,

PostgreSQL,SQL

OTHER

HTML5, CSS3 (CSS Grid)

Git

Ubuntu OS, Linux OS

AWS EC2, Azure DevOps

REST API, Axios

Nginx, Gunicorn, Tkinter

