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.

San Diego, CA
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Portfolio:
https://baltamirano.com

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.

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