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Cristopher Soto

Software Developer

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SKILLS

Programming Languages	Python, SQL, C++, C, JavaScript.
Frameworks	Flask, Django, Dash.
OS	Linux (Ubuntu), Windows.
ORMS	SQLite3, PostgreSQL, SQLAlchemy.
Data Visualization	Matplotlib, Plotly
Communication	English, Spanish (Native speaker), French (Basic)
Other	Algorithm Design and Analysis, Data Structures, AWS, PGAdmin, BigQuery, Git/Github, HTML/CSS, Bootstrap, Tkinter, unittest, Pandas, Regex, BeautifulSoup, Psycopg2.

PROJECTS

Server-Side CRUD To-Do Application

- Developed a full-stack server-side application that allows users to register and login by email and username using the Flask framework.
- Utilized the Google Calendar API with OAuth 2.0 to allow users to automatically synchronize their to-do items with their google calendar account if a deadline for the to-do item is provided.
- Designed a database using SQLAlchemy with Python OOP.
- Implemented a python SMTP using the JSON Serializer. library so that users may recover their account if they have forgotten their password.
- Built the front-end UI using Bootstrap, HTML, CSS, and Javascript.
- Implemented the Moment.js library to parse through the python datetime objects of each to do and return a user friendly datetime in the server-side UI.
- Implemented a filtering option for users' todo items.
- Deployed the application on the Linode Cloud Service using Gunicorn and NginX.

Name Querying and Data Visualizing Web Application

- Developed a data-visualizing tool that allows you to query for how many people with a particular name have applied for a social security card from 1910 to present.
- Constructed a choropleth map using Plotly that tells the user how many individuals with the input name have applied for a social security card on each state for the last 100 years when they hover over each state.
- Built an interactive chart that tells the user the number of people that have applied for social security in the U.S. every year since 1910.
- Deployed application to her

Expense and Income Tracker API

- Developed an CRUD API using the Django Rest framework.
- Created database models using the Django framework.
- Implemented User Authentication using the Django Rest Framework JWT library.

EDUCATION AND COURSEWORK

Bachelor of Computer Science, Hunter College - CUNY (GPA 3.8)	Jun 2023
Harvard's CS50	2020 — 2021
GED, Pathways to Graduation at City College	2017 — 2018

ACTIVITIES

Vice President of The BCC Student Government Association	2020 — 2021
Bronx Community College, Inter-Organisational Council Chair	2020 — 2021
College Senate, Bronx Community College, Senator	2020 — 2021

WORK EXPERIENCE

Bartender <i>Mess Hall</i>	Jun 2019 — Oct 2020 <i>New York, NY</i>
Bartender <i>Tannat Wine and Cheese</i>	Jun 2019 — Feb 2020 <i>New York, NY</i>
Bartender, Waiter <i>Candle Cafe West</i>	Nov 2016 — May 2019 <i>New York, NY</i>