Cristopher Soto
Software Engineer

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Skills

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

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 ItsDangerous 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 date-time objects of each to do and return a user friendly date-time in the client-side UI.
- Implemented a filtering option for users' to-do 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 hoover over each state.
- Built an interactive chart the tells the user the number of people that have applied for social security in the U.S. every year since 1910.
- Deployed application to Heroku using Gunicorn

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

Portfolio Website
- Built a Portfolio Website using Scss and React
- Deployed the application on the Linode Cloud Service using NginX.

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-Organizational Council Chair	2020 — 2021
College Senate, Bronx Community College, Senator	2020 — 2021

Work Experience

Bartender	**Jun 2019 — Oct 2020**
Mess Hall	*New York, NY*
Bartender	**Jun 2019 — Feb 2020**
Tannat WIne and Cheese	*New York, NY*