Noah M. Saenz

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Education

- *The University of Texas at El Paso*
  - Bachelor of Science in Computer Science
  - Completed: May 2022
- *El Paso Community College*
  - Associate of Science in General Science
  - Completed: May 2018

- Relevant courses completed:
  - Data Structures and Algorithms
  - Database Management
  - Object Oriented Programming
  - Software Requirements Engineering
  - Software Construction

Skills

- Python
- Java
- JavaScript
- Qt (Creator/PyQt)

- HTML/CSS
- MongoDB
- SQL
- Google Cloud APIs

- Agile Software Development
- Git

Projects

Password Manager (2023) - github

Application in python that generates new passwords and safely stores site login information.

- Incorporated python and an SQL database to create an application to enhance the security and efficiency of storing site login information.
- Constructed a randomization algorithm to allow users to generate customized passwords with filters such as length, and special characters.
- Applied robust encryption techniques to keep user data completely safe and invisible.

Gmail Organizer (2024) - github

Desktop program in python that simplifies and accelerates the process of cleaning out your Gmail inbox.

- Utilized python, Qt, and the Gmail API to design a user-friendly application for those dealing with extensive email cluttering. User data was stored using MongoDB.
- Implemented a one-click solution for deleting or moving all messages from a selected sender to the trash.
- Integrated an 'Unsubscribe' feature to seamlessly open an unsubscribe link in the user's web browser from selected senders with a single click.

Hackathon Winner (2024) – El Paso, TX

Participated in a three-day on-site hackathon, winning 3rd place.

- Worked and collaborated in a team with three other developers to create a functioning prototype and presentation to improve local energy trading issues.
- Developed a web app using React.js and Tailwind that allows electric and/or energy companies to view the data and effectiveness of their energy trading strategies.

Experience

- **Cashier -** Burlington Stores Inc. (April 2019 – May 2020)
  - Utilized strong communication skills by tending to customers and ensuring accurate transactions.