Joshua Li

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Skills

- Languages: Proficient in Javascript and Python, familiar with C, Java, Bash, PL/SQL
- Frameworks: Flask, nodeJS
- Tools: Github, Git, Linux, Oracle, MongoDB, Heroku, Docker, Postman, Tableau

Education

New Jersey Institute of Technology, Ying Wu College of Computing   *Newark, NJ*
Bachelor of Science – Computer Science

- Dean's List
- NJIT Academic Excellence Scholarship Recipient

Projects

Python Exam-Taking Website
A full stack web application built with a 3-person team

- Teacher and student log-ins
- Allows teachers to create a bank of Python questions with test cases and difficulty levels.
- Teachers can select from the question bank to make a test for students to take
- Teachers can automatically or manually grade tests, write comments, and release grades to students
- A Flask website hosted on Heroku, wrote middle-end code in Python to connect front and back end

To-Do List Application
A dynamic to-do list application with a command-line interface

- Developed a feature-rich To-Do List application in Python, allowing users to seamlessly add, view, complete, and remove tasks. Implemented functionality to show a report of how many tasks are completed and uncompleted
- Implemented a robust data persistence mechanism by saving tasks to text files). This enables users to maintain their task lists across multiple sessions, ensuring a seamless and persistent user experience.
- Designed an intuitive command-line interface that prioritizes ease of use, enabling users to interact with the application effortlessly. The interface provides clear and concise commands for adding, managing, and filtering tasks.

Lung Cancer Databases
Multiple databases ranging from 300 to 64,000 entries created with patient data from the N.C.I.

- Databases created using SQL Developer and MongoDB
- Used PL/SQL queries to manipulate the data and make XML and JSON tables

Work History

Software Engineer Intern, *SoloSegment*   *Newark, NJ | May 2022 – August 2022*

- Wrote RESTful API methods using Javascript that implemented administrative features to a search engine system
- Tested methods using Postman and pushed final products using Git
- Participated in bi-weekly meetings to facilitate discussion of strategies, solutions, and improvements

Online Seller, *Self-employed*   *Oakland, NJ | 2019 - Current*

- Conducted retail arbitrage to build inventory for resale via online platforms.
- Developed and executed online strategies for leads, sales. and pricing to generate revenue.
- Corresponded with customers to address questions or complaints about products, policies or shipping methods.

Merchandise Associate, *Marshalls*   *Wyckoff, NJ | 2019 - 2021*

- Transported merchandise to the sales floor and restocked shelves, racks. and bins.
- Conferred with store managers to obtain information about customer needs and preferences.