Sophia Zhang

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Sophia Zhang   sobbrish

Personal Statement

A passionate and driven student pursuing a Conjoint BCom/BSc in Finance and Computer Science at the University of Auckland. Experienced in web development, machine learning, and software engineering, with a strong focus on teamwork, problem-solving, and continuous learning.

Education

University of Auckland   *Feb 2022 – Ongoing*
Conjoint: BCom/Bsc Finance;Computer Science

- **Coursework:** Machine Learning, Software Develpment Methodology, Human-computer Interactions

Projects

Frontend Web Development   *https://github.com/sobbrish/FreeCycling-frontend-website*

- Designed and developed a user-friendly frontend webpage for a freecycling platform, utilizing #924E7D as the primary brand color to ensure cohesive and visually appealing design aesthetics.
- Tools Used: HTML&CSS, JavaScript

Moving Shapes Visualizer   *https://github.com/sobbrish/Moving-shapes*

- Developed an interactive program that enables users to create and label shapes, as well as nest them, with dynamic movement across the screen based on user-defined parameters.
- Tools Used: Java

Naive Bayes Learning Model   *https://github.com/sobbrish/Naive-Bayes-from-scratch*

- Implemented a Naive Bayes classification model from scratch using Python, demonstrating a deep understanding of machine learning algorithms and data processing techniques.
- Tools Used: Python, Jupyter Notebook

Technologies

Languages: C#, HTML&CSS, Java, Python, JavaScript

Technologies: .NET, SQLite, Jupyter Notebook, git

Soft Skills

Time Management   Customer Service   Teamwork   Meeting Deadlines   Remote Collaboration