AUSTIN ISAAC

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EDUCATION

Singapore University of Technology & Design (SUTD)   **Sep 2022 – Present**
- Bachelor of Engineering in Computer Science and Design
- Expected Date of Graduation: July 2026

Global Indian International School (GIIS)   **Sep 2018 – July 2020**
- International Baccalaureate (IB) Grade 11-12
- Achieved 39/45 - 7/7 in Physics HL, Chemistry HL, Mathematics HL
- 100% merit-based scholarship during IB

TECHNICAL SKILLS

- **Languages**: Python, C, HTML, CSS
- **Tools & Libraries**: Pandas, Numpy, Streamlit, FastAPI, SQL, Plotly, Git, GitHub, Rhino

PROJECTS

SUTD Sim (Github)   **Nov 2022**
- Collaborated in a team of 3 to create a text-based role playing game using python and matplotlib, which simulates a week in the life of a SUTD student.
- Implemented a scoring system to track the scores based on choices of the player and display the stats of the player.

Mix'n'Ride (GitHub)   **Feb 2023**
- Developed a web-app using React, Django, Spotify API and Google API that creates a curated Spotify playlist based on the user's car ride (origin and destination) and updates the playlist according to current time estimates.
- Created for iNTUition Hackathon 2023 organized by NTU.

FinDash (Demo | GitHub)   **Dec 2020**
- Developed a financial dashboard (FinDash) webapp using Python and Streamlit, Pandas and Numpy libraries.
- Displays the desired company's stock info and visualizes them using plotly based on yahoo finance and also a Portfolio Tracker which can add transactions of buying and selling stocks and display the updated stock portfolio as charts.

CERTIFICATIONS

CS50x course 2021 by Harvard University
- 11-week certified course with problem sets on C, Python, Java, HTML, CSS.
- Completed final project and more than 90% accuracy on problem sets to achieve certificate.

FastAPI - The Complete Course 2023 (Beginner + Advanced) Udemy
- Develop RESTful APIs & Full Stack Applications using FastAPI
- Modern Authentication, Password Hashing with BCrypt, Authorization, JSON Web Tokens (JWT) Establish Table Relationships and Deploy Production Ready Databases

Python + SQL + Tableau: Integrating Python, SQL, and Tableau by 365Careers Udemy
- Integrated Python, SQL, and Tableau for holistic data solutions, involving data preprocessing, machine learning with linear regression models, and advanced visualization techniques.
- Mastered automation of recurring data analysis tasks, streamlining business reporting and boosting efficiency.

CO-CURRICULAR ACTIVITIES

Secretary, SUTD Boxing Club, Singapore   **Jan 2023 – Present**
- Organized partnership between Legends Fight Sport boxing gym and SUTD for students which led to increased participation in the club as well as 20% increased club funds from previous semester.

Head of Acting, GIIS Movie Maker's Club   **Sep 2018 – July 2020**
- Acted in, directed and produced 3 movies which are published on YouTube and have gained a combined 5000+ views.
- Provided acting and camera directing lessons to over 50 secondary school students.