

Michelle Sang

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EDUCATION

University of Texas at Dallas

Bachelor's Degree in Computer Science

August 2021 - May 2025

Relevant Coursework: Advanced Algorithm Design, Digital Logic, Computer Graphics, UNIX, Computer Architecture, Probability and Statistics in CS

SKILLS

- Python, Java, C, C++, HTML/CSS, Javascript
- Microsoft Office Suite (e.g., Word, Excel)
- Agile Development & MySQL

PROJECTS

CATastrophe

- Implemented physics, movement, and gravity through Raycasting using C# and Unity
- Directed interactions with in-game objects and models
- Created UI displaying a gradient using 2D computer graphics

Travel Genius

- Built a responsive app that builds an itinerary based on a user's location, date, and budget using JFrame and Java
- Led a team of 4 members using Agile methods, resulting in timely and organized deliverables of the project
- Implemented logic and algorithms to calculate and deduct travel costs from the budget with real-time updates

WORK

Texas Auto Value

Dallas, TX

Sourcer

April 2023 - September 2023

- Analyzed market data and recommended the most profitable products based on time and resource considerations
- Recorded appraisal values of cars in Excel, resulting in an increase of up to 15 cars per week for the company
- Developed strategies to effectively engage with clients to understand their goals and satisfy their requests

Summit Climbing, Yoga, and Fitness

Plano, TX

Front Desk Associate, Teacher

March 2022 - April 2023

- Led hundreds of customers through engaging orientations ensuring the safety of our workers
- Provided friendly customer service and served as the first point of contact for assistance and concerns
- Collaborated with a team of 8 employees and maintained a positive working environment

Vinebase

Austin, TX

Software Engineering Intern

June 2020 - August 2020

- Built a web application to analyze and input data into an organized spreadsheet
- Analyzed data from 100+ wineries to help build foundational relationships with California winery associations
- Gathered and distributed resources to streamline communication between businesses and wineries

LEADERSHIP EXPERIENCE

Filipino Student Association

Richardson, TX

Family Leader

August 2023 - Present

- Served as a leader for underclassmen with duties involving mentoring, guidance, and organizing community events
- Personally resolved conflicts throughout the group of 40 members