

Samuel Chen

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EDUCATION

University of Michigan, Ann Arbor, MI (*School of Literature, Science, and Arts*)
Bachelor of Science in Data Science

Expected May 2027

Southern Methodist University (SMU), Dallas, TX, (Lyle School of Engineering)
Computer Science Major, Data Science Major

Attended August 2023 – May 2024

WORK AND PROJECT EXPERIENCE

Beta Realty | Property Operations Analyst

June 2024 – August 2024

- Responded to IRS audit requests for former properties, ensuring accurate and timely completion.
- Managed a portfolio of 20+ assets, overseeing paperwork, maintenance requests, and key systems for 700+ properties.
- Developed and implemented a filing system that improved document retrieval efficiency by 50%.

NHL Game Predictions Machine Learning Model in Python

June 2024 – Present

- Collected and processed 5+ years of NHL game data, including team statistics and player performance
- Engineered new features, such as recent team form, rest between games, and shot area percentage
- Model has achieved 70% success rate in small sample testing

US Olympics Gymnastics Team Success Model- SMU

January 2024 – August 2024

- Cleaned the initial data and built a model with R and Python, with an 85% success prediction rate
- Utilized the model to forecast the best possible Olympic roster for Team USA
- Presented results and findings to a panel of esteemed professors and department leaders

Dallas Asian American Historical Society | Design and Operations Intern

May 2023 – September 2023

- Assisted in the development of 4 projects for an art showcase, displaying the growth of Asians in Dallas
- Created a map of all Asian restaurant locations in Dallas during the 1890s
- Resolved critical issues regarding the development of two art pieces – including installation and assembly of 888 small paper figures and design and preservation of tapestry

LEADERSHIP AND ACTIVITIES

SMU Statistics and Data Science Club | Founder, President

September 2023 – May 2024

- Grew the club to 200+ members and 15 involved faculty through promotional events
- Planned and oversaw 4 different research projects across various topics
- Coordinated and collaborated with university faculty to host seminars, job fairs, and workshops featuring guest speakers from AT&T and other companies.

SMU Asian Council | Freshman Chair

October 2023 – May 2024

- Collaborated with SMU to promote a diversity and inclusion awareness campaign for minority groups
- Organized and advertised events, including an annual showcase celebrating local Asian artists and culture.
- Partnered with external vendors and cultural organizations to coordinate event logistics and promote cultural awareness.
- Led multiple projects for fundraising, collectively raising around \$1000

SMU Program Council | Associate Member

February 2024– May 2024

- Helped plan and organize large student events on campus such as the annual food festival
- Engaged with external vendors and entertainment providers to ensure successful event execution and student satisfaction.
- Analyzed data from past events to identify trends and inefficiencies, recommending changes to event entry processes resulting in a 10% increase in attendance

CAMPUS INVOLVEMENT

Michigan Real Estate Club

Taiwanese American Student Association

ADDITIONAL INFORMATION

- 2x Texas High School Hockey State Champion
- Met with multiple professional athletes and the former President of Taiwan
- Hobbies: Golf, Fantasy Football, Gaming, Watching Sports

Technical Skills: Python, R, Java, Microsoft Office (Excel, PowerPoint, Word), Tableau, C++

Foreign Languages: Chinese Mandarin (Fluent)