

TZUCHEN (WILLIAM) SU

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EDUCATION

Rice University

Bachelor of Science in Computer Science

Courses: Discrete Math, Matrix Analysis, Multivariable Calculus, Mathematical Statistics

The SMIC Private School

High School Diploma

- **GPA:** 3.88/4.0 | **ACT:** 34/36 | **SAT:** 2210/ 2400

Houston, Texas

Class of 2021

Shanghai, China

Class of 2017

WORK/RESEARCH EXPERIENCE

Lam Research

Data Science Intern

- Developed scripts to automate the company's daily data collection and data cleaning process.
- Managed local data on SQLite server.
- Outputted data visualizations using Business Intelligence tools such as QlikSense.

Shanghai, China

June 2018 – July 2018

Rice Digital Gym

Software Developer/Researcher

- On a team to transform the Rice Recreation Center into a massive digital health sensor
- Assisted in developing an iOS app to track and update user's live data from using gym equipment

Houston, Texas

Nov 2017 – May 2018

RELEVANT PROJECTS

Facebook Community Structure

Data Analyst

- Analyzed different community structures that exist among Rice undergraduate students on Facebook
- Skills used: Python, Girvan-Newman algorithm

Houston, Texas

Jan 2018 – Feb 2018

HackRice 7

Hackathon participant, back-end coder

- Created "Jones Pairing" – a web application that automates the room assignment process for a dorm

Houston, Texas

Sept 2017

Elevens Solitaire

Game Developer

- Self-developed a computer game in Java based on the card game Elevens Solitaire

Shanghai, China

Jan 2017 – Feb 2017

LEADERSHIP EXPERIENCES

TEDx SMIC School

Student Speaker

- Spoke for 18-min on my own meditation experiences in Nepal and Poland in front an audience of 100
- Selected by organizer as Best Speaker

Shanghai, China

Mar 2017

XinLang Scholar

Editor-in-Chief

- Led weekly content meetings and reviewed paper's final quality
- Wrote over 10 editorials tackling issues on technology addiction and environmental pollution
- Won 1st Place in the 2017 American Scholastic Press Association Newspaper Contest.

Shanghai, China

Sept 2016 – May 2017

Student Council

President, Treasurer, Representative

- Planned over 10 school-wide activities raised \$10,000 for charity
- Represented student body in regular meetings with administrators regarding student diversity and honor code

Shanghai, China

Sept 2013 – May 2017

SKILLS AND INTERESTS

Computer: Python, Java, SQL, HTML & CSS, Microsoft Office

Language: English, Mandarin, Taiwanese

Interests: Photography, Basketball, Meditation