

Zi-Yi, Zhang

+86 18822825527 | 11712621@mail.sustech.edu.cn
1088 Xueyuan Avenue, Taoyuan Street, Shenzhen, Guangdong, China

EDUCATION

Southern University of Science and Technology (SUSTech)	Sep 2017 - Jun 2021
Statistics Bachelor Department of Statistics	Shenzhen
<ul style="list-style-type: none">GPA: 3.59 / 4.00Relevant Coursework: Linear Algebra II (91), Advanced Calculus (88), Ordinary Differential Equations (94), Mathematical Statistics (96), Probability (89), Statistical Linear Models (88), Statistical Computation and Software (88), etc.	

HONORS & AWARDS

National Encouragement Scholarship	2019
Second Prize Position	2019
New Student Scholarship	2017

RESEARCH EXPERIENCE

Gait Analysis Discussion Group	Sep 2020 - Present
Group Member	Shenzhen
<ul style="list-style-type: none">Review previous analysis paperDetect features that can be used to measure the severity of Parkinson's disease (like gait dynamics, risk of fall, etc.)	
Survey of Sleeping Quality for SUSTech Students	Mar 2020 - Jun 2020
Planner & Data Analyst	Online
<ul style="list-style-type: none">Conducted an entire sample survey process to collect the sleeping quality of SUSTech studentsCompared the results with the nationwide average case from the previous studyObtained the sleeping feature of SUSTech students	
Fast Sample Survey Literature Review	May 2020 - May 2020
Individual Project	Online
<ul style="list-style-type: none">Comprehensively read a sample survey report (more than 60 pages) about Australia workplace violence in 2 daysComposed a 20-page review in the 3-day period	
Investment Project: CAPM Model	Dec 2019 - Dec 2019
Individual Project	Shenzhen
<ul style="list-style-type: none">An empirical analysis of real stock data from the Shanghai Stock ExchangeDid analysis work by MATLAB languageTested the validity of the CAPM model	
Pubg Finish Placement Prediction	Nov 2019 - Dec 2019
Data Analyst	Shenzhen
<ul style="list-style-type: none">Built a team with other three first-level studentsFitted models (lasso, ridge, PCA, SVM, neural network, KNN, etc.) to predict the finish placement through game strategiesReceived praise from the professor and got a good grade: 95/100	
Investment Project: Markowitz Model	Nov 2019 - Nov 2019
Individual Project	Shenzhen
<ul style="list-style-type: none">An empirical analysis of real stock data from the Shanghai Stock ExchangeDid analysis work by MATLAB languageObtained the optimal portfolio by Markowitz model	
Lean and Six Sigma Design Project	Jul 2018 - Aug 2018
Data Analyst	Shenzhen
<ul style="list-style-type: none">Participated in a 6-person team to make a mousetrap car within four weeks, applied Lean Six Sigma in flow analysisImplemented data analysis methods to improve efficiencyHelped our team win first place	

INTERNSHIP/ACTIVITIES

Students' Association Union (SAU)

May 2018 - Nov 2018

Minister Publicity Department

Shenzhen

- Coordinated various student clubs in organizing large-scale events such as "Clubs Meeting" and "Clubs Carnival" etc.
- Led the edition of the new club manual and distributed 700 copies to freshmen

Left-behind Children's Summer Camp

Aug 2018 - Aug 2018

Volunteer

Guangzhou

- Guided 10 left-behind children's (7~14 years old) to participate in a 3-day military training
- Volunteered for 48 hours

Voluntary Teaching for Children of Medical Staff

Mar 2020 - Apr 2020

Volunteer

Online

- A special voluntary activity during the COVID-19 outbreak time
- 10 hours of volunteer work

Deloitte Digital Difference Camp

Jun 2019 - Aug 2019

Organizer & Modeling Builder

Dongguan

- Applied innovative knowledge to solve business cases related to digitization
- Reached the semifinals

Intern in Hou Jie Branch of Bank of China

Jul 2019 - Aug 2019

Internship Lobby Assistant

Dongguan

- Lived independently in a city without help from old friends or relatives
- Finished with a high score: 95/100

MISCELLANEOUS

- **Skills:** Python (project experience), R (project experience), SAS (project experience), MATLAB (project experience), Java (basic), Numbers (proficient), Keynote (proficient), Pages (proficient)
- **Languages:** English (CET-4: 572; CET-6: 502), Chinese (native speaker)
- **Interests:** Reading, Table Tennis (fourth in school), Exercise/Running (often), Journey (yearly)