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Southern Medical University  
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## EDUCATION AND QUALIFICATIONS

<b>Southern Medical University (SMU)</b>	<b>Sept. 2019 – present</b>
Bachelor, Biomedical Engineering	
Overall GPA:	<b>3.35/4</b>
Rank:	<b>5/38</b>

## RESEARCH EXPERIENCE

<b>Intelligent Analysis of Histopathological Images in Inflammatory Bowel Disease</b>	<b>Huang Lab, Nanfang Hospital (SMU)</b>
<i>Main Researcher</i>	<b>June 2021 – July.2022</b>
Independently designed and conducted experiments for the validation and optimization of a histopathological image classification system using deep learning.(Utilizing semi-supervised learning and pseudo labelling to solve imbalanced label volume in data set, Combined Transformer+MIL to link adjacent features between different instances)	
<b>Multi-Spectral Interlaced Sparse Acquisition Photoacoustic Tomography</b>	<b>Qi Lab, SMU</b>
<i>Assistant Researcher</i>	<b>April 2021 – July.2022</b>
Participated in several photoacoustic tomography innovative technique analyses while identifying differences from absorption spectra of photoacoustic image sequences with multiple excitation wavelengths.	

## COMPETITION EXPERIENCE

<b>The 9<sup>th</sup> "Teddy Cup" Data Mining Challenge (The Third Prize)</b>	<b>May 2021</b>
<i>First author</i>	
Including but not limited to compiling the competition materials, debugging the model of the network, and writing the paper.	
<b>Mathematical Contest in Modeling of SMU (The Third Prize)</b>	<b>Nov 2019</b>
<i>First author</i>	
Including but not limited to implementing the preliminary experiments, and preparing the documents and seminars.	

## AFTER-SCHOOL ACTIVITIES

<b>The 6<sup>th</sup> National College Students Art Exhibition and Performance (National First Prize)</b>	<b>May 2021</b>
<i>Minister of clarinet in Orchestra</i>	
As a supervisor of clarinet department in college's orchestra, I assisted commander in the competition issues and coordinated orchestra's daily training, also, devoted to participating in various musical instrument competitions during my college career.	

## SKILLS

**Experimental Technical Strengths:** Skilled in algorithms and data structure; Good knowledge of Machine learning and Deep learning; Competent to conceive and perform experiments independently; Basic corresponding paper knowledge reserves in advanced field.

**Programming Language:** experienced in Python/Matlab, comfortable with C/C++/C#, etc.

**Language Certification:** CET-4,CET-6 (515).

## MAJOR COURSES AND PERSPECTIVE

**Major Courses:** C++ Programming Language (97), Computer Networks (94.3), Data Structure (94), Principle & Application of Database (92.3), .Net Program Exploitation (89), Optimization Theory (87), Operating System Principles (85.5), Algorithm Analysis (85), Pattern Recognition (85), etc.

**Perspective:** Medical Imaging Analysis, Image Registration,Computer-Aided Diagnosis (CAD).

## HONORS AND AWARDS

Third-Class Student Scholarship of SMU	2020-2021/2021-2022
Outstanding Student of SMU	2020-2021/2021-2022
Outstanding Campers of SMU's Summer Camp	2022
Outstanding Undergraduate Graduation Thesis of SMU	2023
Outstanding Graduates Nomination of SMU	2023