

Hanshi Sun

CONTACT INFORMATION	Building B3, Yancheng Ziwei International Plaza Yancheng, Jiangsu, China. 224000	<i>E-mail:</i> preminstrel@gmail.com <i>Mobile:</i> (+86) 153 1287 2389
RESEARCH INTERESTS	Machine learning and computer vision	
EDUCATION	Southeast University	Jiangsu, China
	Bachelor of Engineering in Electronic Science and Technology	Anticipated May 2023
	<ul style="list-style-type: none">• GPA: 3.97/4.0 Average Score: 93.8/100 Rank: Top 1• <i>Related courses and grades:</i> Mathematical Analysis I(99), Linear Algebra(98), Fundamentals of Computer Science(97), Python and Data Visualization(99), Data Structure and Algorithm(98)	
RESEARCH EXPERIENCE	Research on Energy-efficient DNN Algorithm for ECG Classification	<i>Dec 2020-Present</i>
	Project Member	
	<ul style="list-style-type: none">• Data processing with normalization• Developed a CNN model using tensorflow and keras; MIT-BIH Database is used to train and evaluate the model, resulting in an accuracy of 91.5%• Designed a quantization compression method to compress the model using greedy algorithm for deployment on wearable devices	
	Research on 3D Simulation System of Electron Beam Lithography	<i>Dec 2020-Present</i>
	Project Member	
	<ul style="list-style-type: none">• Developed an appropriate physical model• Simulated the scattering and energy distribution of electrons in photoresist and substrate with MATLAB	
SKILLS	Programming Languages: C/C++, Python Languages: English (Fluent), Japanese (Conversational), Chinese (Native Speaker) Application Software: MATLAB, L ^A T _E X	
HONORS&AWARDS	<ul style="list-style-type: none">• Model Student in Academic Performance• Exemplary Individual of Innovation and Entrepreneurship• Scholarships: Alumni Scholarship, Course Award	
LEADERSHIP	Member of Students' Union	<i>Jun 2019-May 2020</i>