HAO WANG

No.28, Xianning West Road, Beilin District, Xi'an, Shaanxi Province, China

(+86)182 9287 6175 allan0703@foxmail.com

EDUCATION

Xi'an Jiaotong University	*September 2014 - June 2018*
B.E. in Electrical Engineering and Automation	Overall GPA:3.68/4.3 87.5/100
	Top 10%

Related Courses: Programming Languages, Software Engineering, Intro. to Computer structure, Machine Learning, CNN for Visual Recognition, Data Structures and Algorithms

HONORS & QUALIFICATIONS

Outstanding Graduate of XJTU	2018
National Scholarship (6 out of 337)	2017
1st Prize of the 3rd GaN System Competition organized by CPSS	
The Silver Award of Shaanxi Province in the 3rd "Internet +" Competition	
National Encouragement Scholarship (12 out of 337)	2016
2nd Prize in Mathematics Modeling Contest of Shaanxi Province	
Excellent Student of XJTU	
National Encouragement Scholarship (12 out of 337)	2015
1st Prize in Mathematics Modeling Contest of XJTU	

TECHNICAL STRENGTHS

Computer Languages	C/C++, Python, MATLAB, LaTeX, SQL
Tools	PyTorch, TensorFlow, Linux, SLAM, PCL

RESEARCH & EXCHANGE EXPERIENCE

Internship in UISEE   June 2019 -
3D Object Detection

· Responsible for data processing, model effect optimization and algorithms implementation of VoxelNet and F-Pointnet in our own data set and situation.
· Software development experience in C/C++ on Linux and good algorithms implementation ability.
· Familiar with point clouds processing, SLAM and open source libraries like PCL, OpenCV.

Handwritten Numbers Recognition Program   May 2019
Leader

· Labeled images with one-hot method and divided MNIST dataset to train, validation and test set.
· Trained and predicted handwritten numbers using the DNN with Softmax output and GradientDescentOptimizer in TensorFlow, got an accuracy of 91%.
· Established a three-layer convolutional neural network with pooling layer to increase the recognition accuracy of MNIST to 97%.

China Mathematical Contest in Modeling   August 2018
Leader

· Analyzed the principal component and the classification result to find anomalous center and data.
· Used the K-Means and FCM algorithms to classify the terrorist attacks.

UAV Development, National University of Singapore   12 July, 2017 - 10 August, 2017
Core member

· Processed sensor data with Kalman filter, exchanged messages between laptop and APM 2.6 based on MAVLINK Protocol and used Mission Planner to monitor drone.
· Collaborated in a team of three to discuss project specifications, task assignments and solutions.
· Presented weekly progress to the tutor to ensure deadlines were met.

Development of Information Management System with MCU   March 2017 - May 2017
Leader   *Innovation Training Program, XJTU*

· Designed a system that can recognize ID cards, display information like identification photo and book lending information, and can change the password online.
· Completed program development of AT89C51 MCU in C language and communication between the client and host.
· Developed the user-friendly interface in JAVA.
· Realized the query, addition, deletion and modification of MySQL database.

EXTRA-CURRICULAR

Minister of Tang Zhongying Love Society.   September 2017 - July 2018

· Responsible for the materials management, sending notices and team building.
· Organized various activities like bag guards and visiting the elderly in the community to pass love, care and attention.

Member of Runner Club   September 2016 - Present

· Take professional running training every week and run a marathon once a year.
· Swim, play badminton and regularly go to gym with other members.

IELTS™

Test Report Form

	ACADEMIC

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules.*
*GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes.*
*It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.*

Centre Number	CN172	Date	26/APR/2019	Candidate Number	010553

Candidate Details

Family Name	WANG
First Name	HAO
Candidate ID	130427199707035912

Date of Birth	03/07/1997	Sex (M/F)	M	Scheme Code	Private Candidate

Country or Region of Origin	CHINA (PEOPLE'S REPUBLIC OF)
Country of Nationality	
First Language	CHINESE

Test Results

Listening	7.0	Reading	8.0	Writing	6.0	Speaking	6.0	Overall Band Score	7.0	CEFR Level	C1

Administrator Comments

Centre stamp
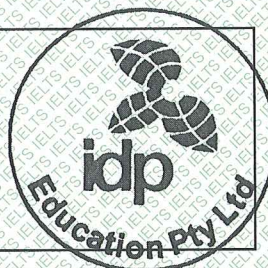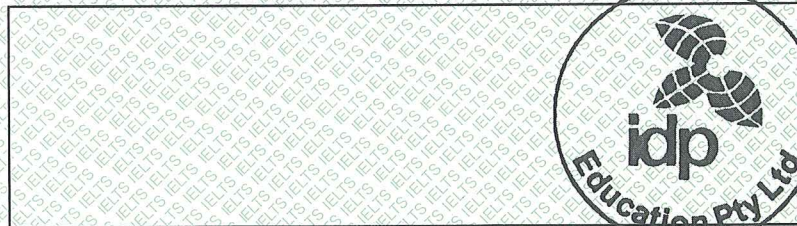
Validation stamp

Administrator's Signature

Date	02/05/2019	Test Report Form Number	19CN010553WANH172A

BRITISH COUNCIL **idp** **Cambridge Assessment English**

The validity of this IELTS Test Report Form can be verified online by recognising organisations at http://ielts.ucles.org.uk

HAO WANG

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Email: 172317795@qq.com

Phone: 86-18292876175

Date of Birth: July 3, 1997

Social Security Number (Last Four Digits):

Gender: Male

Intended Graduate Major: Electrical & Electronics Engineering -- Other (1299)

Most Recent Test Date: April 4, 2019

Registration Number: 5194336

Your Scores for the General Test Taken on April 4, 2019

Verbal Reasoning	Quantitative Reasoning	Analytical Writing
Your Scaled Score:	Your Scaled Score:	Your Score:
154	**166**	**4.0**
130 — 170	130 — 170	0 — 6
65th Percentile	90th Percentile	59th Percentile

Your Test Score History

General Test Scores

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
April 4, 2019	154	65	166	90	4.0	59