

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 -

Research Intern

- 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.

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

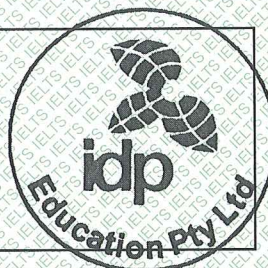
Overall
Band
Score

7.0

CEFR
Level

C1

Administrator Comments



Administrator's
Signature

Date

02/05/2019

Centre stamp



Validation stamp



Test Report Form
Number

19CN010553WANH172A



Cambridge Assessment
English

HAO WANG

Most Recent Test Date: April 4, 2019

Address: NO.28,XIANNING WESTROAD, BEILIN DISTRICT,XI'AN, XI'AN, Shaanxi,
710049 China

Registration Number: 5194336

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)

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

Verbal Reasoning

Your Scaled
Score:

154

65th
Percentile

Quantitative Reasoning

Your Scaled
Score:

166

90th
Percentile

Analytical Writing

Your
Score:

4.0

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 |