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Harbin Institute of Technology - ##

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Summary

To be an expert in the field of computer vision

Languages

English

(## (##))

Chinese

Skills & Expertise

Autopilot

Embedded Systems

sensor fusion

Simulink

Matlab

C

C++

SQL

Computer Vision

OpenCV

Digital Image Processing

Microcontrollers

ARM Cortex-M

Education

Stevens Institute of Technology

Doctor of Philosophy (Ph.D.), Electrical Engineering Technologies/Technicians, 2015

Grade: 3.9/4.0

Activities and Societies: Research Assistantship (2015-2016)

Harbin Institute of Technology

Master of Engineering (MEng), Control Science and Engineering, 2013 - 2015

Activities and Societies: Administrative assistant at International Student Center

Zhengzhou University

Bachelor's Degree, Automation (Electrical Engineering), 2009 - 2013

Grade: 3.4

Activities and Societies: Trumpet player, Campus Wind Orchestra

Honors and Awards

Second Prize, Harbin Institute of Technology Virtual Instrumentation Contest

Heilongjiang Province Instrumentation Society

2014 # 5 #

was awarded for "myRIO-based Measurement & Control System for a Quadcopter"

Excellent Undergraduate Thesis Award

Zhengzhou University

2013 # 7 #

This is awarded annually to top 5% theses in the department

Third Prize of West China Zone, Freescale Cup Intelligent Car Racing

Chinese Ministry of Education & Freescale Semiconductor Corporation

2013 # 7 #

Built and programmed an autonomous model car, raced it around a track for speed.

It was actually a two-wheeled self-balancing car with a linear CCD camera for track navigation.

My responsibility includes: Embedded software programming, circuit building, control algorithms design and parameter tuning.

First Prize, 6th Campus-wide ACM Collegiate Programming Contest

Students' Affairs Office of Zhengzhou University

2012 # 12 #

Second Prize of Henan Zone, "Lanqiao Cup" National Software Design Contest (C/C++)

Chinese Ministry of Education, Chinese Ministry of Industry and Information, and China Software Industry Association.

2012 # 4 #

Second Prize, 5th Campus-wide ACM Collegiate Programming Contest

Zhengzhou University

2011 # 12 #

First Prize of Henan Zone, National Undergraduate Electronic Design Contest

Department of Education of Henan Province

2011 # 10 #

Second Prize , 25th National Physics Olympiad for High School Students

Chinese Physical Society

2008 # 10 #

First-class Scholarship

Graduate Admission Committee of the Harbin Institute of Technology

2014 # 9 #

First-class Scholarship

Zhengzhou University

2010 # 7 #

National Motivational Scholarship

Zhengzhou University

Second-class Scholarship

Zhengzhou University

2012 # 7 #

Third-class Scholarship

Zhengzhou University

2013 # 7 #

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[Contact ## on LinkedIn](#)