

Chang Chu

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EDUCATION

School of Engineering, Southern University of Science and Technology(SUSTech)

Sept 2014- Jun 2018

B.E. in Computer Science and Technology, Overall GPA: 3.61/4.0, Major GPA: 3.74/4.0

RESEARCH EXPERIENCES

Generating Stories from Images | SUSTech

March 2017 -Present

Advisor: Xin Yao, Head at Department of Computer Science and Technology, SUSTech

- Implement “Show and Tell: A Neural Image Caption Generator”
- Design the model of image sequence caption.

Crowdsourcing Mechanism Design | SUSTech | Research Assistant

Nov 2016- Jan 2018

Advisor: Jin Zhang, assistant professor at Department of Computer Science and Technology, SUSTech

- Reviewed different crowdsourcing incentive mechanisms
- Reviewed the use of active learning and reinforcement learning on crowdsourcing

Shenzhen Gateway Data Mining | SUSTech | Research Assistant

Mar 2015-Jun 2015

Advisor: Zongwei Luo, associate professor at Department of Computer Science and Technology, SUSTech

- Trained user classification modals using decision tree method and Bayesian classification method

WORKING EXPERIENCES

Malong Technologies | Product Manager Intern | Shenzhen

Jul 2011 - Present

- Reviewed 11 common Object Detection methods and examined those methods from 7 aspects
- Established general object classification system and criteria, based on WordNet and human recognition
- Designed Malong Smart Mirror, planed its function, HCI, and parts of technical solutions
- Collected training data of fruits in the fridge, helped design clothes classification rule and system, helped non-technical colleagues understand Search Engine Principles

COMPETITION EXPERIENCES

Asia Supercomputer Community | Intelligence Computing | Second Class

Dec 2016 - Mar 2017

- Attended a 4-day training course of CUDA programming
- Ran and optimized a single node HPL test on a remote KNL cluster

TEACHING EXPERIENCES

Student Teaching Assistant | Dept. Computer Science and Engineering

Sep 2016 - Present

- Checked students' homework, helped students with coding and answered students' questions
- Got this job for the courses 'Introduction to Computer Programming', 'Computer Organization Principle', 'Computer Networks', 'Object-oriented Analysis and Design' and 'Introduction to Computer Science'

AWARDS

Full Scholarship 2014-2017

Academic Excellency 2016

Leadership Award 2016

LEADERSHIP AND ACTIVITIES

ENACTUS SUSTech | Team Leader

Feb 2015 - Aug 2016

- Hold a competition to help students seek employment and various activities to help specific groups of people in society

ConnectED China | Start-up Competition| Third Place

- Designed an APP to help people learn with each other and wrote the business plan

SKILLS

Programming Languages: Python, Java, Matlab, SQL

Deep Learning Skills: TensorFlow

Office Applications: Microsoft Office