

# 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 and implement 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

Jun 2017 - Aug 2017

- 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 - Jan 2018

- 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

Aug 2015

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

## SKILLS

Programming Languages: Python, Java, Matlab, SQL, HTML, CSS, JavaScript

Deep Learning Skills: TensorFlow

Office Applications: Microsoft Office(Word, Excel, PowerPoint, Visio)