

Sizhe Song

Curriculum vitae

WORK EXPERIENCE

Sept 2019 – Dec 2019

COMP2011, HKUST CSE Department

Lab Course Helper

Course Title: C++ Programming.

Job Duty: Help the instructor to give lab courses. Answer students' questions, help them finish lab work and evaluate their programs.

RESEARCH EXPERIENCE

2020 **Semi-Supervised Few-shot Atomic Action Detection**

HKUST Final Year Project

A computer vision project supervised by Prof. TANG Chi Keung.

Skills learned: Pytorch, Few-shot learning, Action Recognition

[View Project Website](#)

2019 **Localization by Surveillance Videos**

HKUST UROP Project

Conducted in Summer 2019 and supervised by Prof. Gary Chan. A program based on Yolo3 to track pedestrians in a video clip.

Skills learned: Yolo3, Basic OpenCV, Basic Pillow

[View Final Report](#)

2018 **HKUST Canteens Visualization**

HKUST UROP Group Project

Conducted in Summer 2018 and supervised by Prof. QU Huamin. A front-end website to visualize population data collected from HKUST campus.

Skills learned: Git, pandas, HTML, CSS, Javascript, D3.js

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LANGUAGE PROFICIENCY

MANDARIN Native

ENGLISH Good GRE = 327+4, TOEFL = 110

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Xindu, Chengdu, Sichuan

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✉ ssongad@connect.ust.hk

🔗 Sausage-SONG.github.io/home

EDUCATION

2020 – 2020 **HKUST Study Abroad Program**
Purdue University
Exchange program in Spring 2020. [View Transcript](#)

2017 – 2020 **Bsc in Computer Science and General Mathematics**
HKUST
Currently in the 3rd academic year. [View Transcript](#)

SKILLS

INTERMEDIATE C++, Java, Python, SQL, \LaTeX ,
Markdown, Unix, Git

BASIC LEVEL HTML/CSS/Javascript, Vim

ACADEMICS & AWARDS

2020 **Current CGA at 3.769**
3.769 / 4.30, [View Transcript](#)

2020 **The 6th Hong Kong University Student Innovation and Entrepreneurship Competition**
Third Award
[View Awardee List](#)

2019 **HKUST Study Abroad Sponsorship**
HKUST Study Abroad Office

2019 **Dean's List Award**
School of Engineering, HKUST
[View Award](#)

2017 **Exchange Scholarship at Admission**
Undergraduate Recruitment and Admissions Office, HKUST

2017 **First Year Full Admission Scholarship**
Undergraduate Recruitment and Admissions Office, HKUST