

JAMES YOUNG

☎ +852 95731718

✉ jyyoungaa@connect.ust.hk

🌐 [linkedin.com/in/jamesyyoung](https://www.linkedin.com/in/jamesyyoung)

🔊 [jamesyoung-15](#)

EDUCATION

The Hong Kong University of Science and Technology

2020 – Present

- BEng Electronic Engineering

RELEVANT COURSEWORK

- Intro. to Computer Science
- Programming with C++
- Computer Communication Networks
- Electronic Circuits
- Electro-Robot Design
- Introduction to Computer Organization and Design

PERSONAL PROJECTS

HTTP 1.1 Server 🔗 | C

- Created a simple HTTP 1.1 web server in C that is able to serve static web pages and images to a client's web browser.
- Uses concepts of socket programming to connect client and server and HTTP protocol to serve files.

ESP32 Temperature and Humidity Monitor 🔗 | C

- Created an IoT temperature and humidity sensor using an ESP32 and DHT11 sensor and programmed in C with ESP-IDF framework.
- Program reads the sensor data from GPIO, converts it to temperature and humidity, then sends the data over a HTTP server to be able to view the data on a webpage.

Student Management System 🔗 | C++

- Created a student record management system that can insert, print, search, and delete student record.
- Done using linked list approach to manage student data.

SKILLS

Programming Languages: C, C++, Python

Tools/Software: Linux, Git, Bash

Spoken Languages: English (Native), Mandarin (Conversational)

Work Experience

HKUST Student Helper

June 2021 – July 2021

- Helped school event by sending out invitations to primary, secondary, and tertiary schools in HK. Worked in a small team to compile mailing list of all the schools in Excel then sent invitations using Outlook.
- Helped update and check course materials for class on Canvas

Extracurricular Activities

- **HKUST Football Team** **January 2021 - Present**
- **Project C - Connect x Community (Volunteer Program)** **October 2020 - February 2021**