TSANG CHEUK NAM

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EDUCATION

BEng in Computer Science, The Hong Kong University of Science and Technology   2018 - 2022
Honors: First Class Honor
Major-CGA: 3.728

SKILLS

Languages	C++, CUDA, Scala OpenMP, MPI, Python, TypeScript, JavaScript, Bash
Frameworks	Flutter, React, React Native, Node.js, Platform-IO
Tools	Git, Linux, Docker, Regular Expression, LaTeX, TensorFlow
Hands-on Skills	SMT Soldering, Laser Cutter Maintenance, 3D Printing, Brewing, Carpentry

PROJECTS

ESP Access Point Webserver C++, Platform-IO, Javascript, React   GitHub

- Created a template for future ESP32-based projects.
- Implemented an access point with captive portal to web application.
- Configured the toolchain to build and upload React web applications.
- Implemented an example React application that controls GPIO via WebSocket.

Flutter remote controller for Samsung Smart TVs Dart, Flutter   GitHub

- Configured Internet permission and Adaptive Icon for Android build.
- Implemented automatic access token caching.
- Implemented wake-on-lan for the Smart TVs.
- Implemented touch-pad and keyboard mapping.
- Implemented hardware volume button capturing.

EXTRA-CURRICULAR ACTIVITIES

- HKUST Hackathon 2021 semi-finalist
- HKUST CSE Big Idea Challenge 2022 1st Runner-up.

WORK HISTORY

Software Engineer TURNED-E! Education Limited   Dec 2021 - Feb 2022 (3 months)
Develop software and hardware for embedded systems used in STEM Education for K-12 students

Software Engineer DearFans   Dec 2020 - Jan 2021 (2 months)
Full stack developer to develop the company's website and mobile app from the ground up using React.js and Flutter.

Web Developer The Hong Kong University of Science and Technology   Jun 2020 - Sep 2020 (4 months)
Organizing, renovating and building of the University's engineering education center's websites for internal use.

Laboratory Technician The Hong Kong University of Science and Technology   Aug 2019 - Sep 2019 (2 months)
Managing and maintaining the undergraduate student experiential learning lab in the university.

Software Engineer Lalamove Hong Kong   Jul 2022 - Present
Fresh-grad Software Engineer.