

KENNETH SOH

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EDUCATION

Temasek Polytechnic

Diploma in Cybersecurity & Digital Forensics, GPA: 3.94/4.0

Member of AiSP Student Interest Group

Apr 2018 - Apr 2021

Ngee Ann Secondary School

GCE Ordinary Levels, 7 Distinctions in 8 Subjects

Member of Student Council, International Chess Club & Singapore Scouts Association

Jan 2014 - Dec 2017

EXPERIENCE

Institute for Infocomm Research, A*STAR

Student Researcher, Internship

Oct 2020 - Present

Singapore

- Currently working on Image Processing and Computer Vision projects

PROJECTS

Arithmetic Circuit Homomorphic Encryption: Developed algorithms to compute results of 3-operand integer expressions using homomorphic encryption in an Arithmetic Circuit.

FaceApi-Website: CRUD web application that records facial recognition matches using Face-api on Tensorflow.js

MyPasswords: Web app that demonstrates secure programming principles in the form of a password manager.

LEADERSHIP

Vice Secretary - AiSP Student Interest Group | Class Representative - Temasek Polytechnic | Senior Student Councillor - Ngee Ann Secondary Student Council | Exec Committee Member - Ngee Ann Secondary International Chess Club | Senior Patrol Leader - Scouts

SELECTED AWARDS

Bronze Medallist, WorldSkills Singapore 2020

Placed 3rd for national IT Network Systems Administration skill competition.

Oct 2020

Director's List, Temasek Polytechnic

Placed among top 10% in diploma cohort for both AY18/19 and AY19/20.

2019 & 2020

A*STAR Science Award (Polytechnic)

Selected as one of 49 students who demonstrated strong aptitude and interest in mathematics and science, with passion for scientific research and development.

Oct 2019

TECHNICAL SKILLS

Computer Languages

Python, HTML & CSS, Javascript, SQL, PHP

Operating Systems

GNU/Linux, Windows, Cisco IOS

Software & Tools

Node.js, MySQL, Vim, Git, LaTeX