K. D. SUNERA AVINASH CHANDRASIRI

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PROFILE

A third-year computer science undergraduate who has a passion for algorithms and problem-solving.
Also interested in web technologies and mobile app development. A GNU/Linux Enthusiast.
Github profile: https://github.com/kdsuneraavinash
LinkedIn profile: https://www.linkedin.com/in/kdsuneraavinash
Portfolio: https://kdsuneraavinash.github.io/portfolio

EDUCATION

University of Moratuwa   *September 2017 - Present*
Undergraduate, Bsc (Computer Science and Engineering)   Current SGPA: 4.1/4.2
Dean's List - Semester 1, 2, 3

Kalutara Vidyalaya – National School   *July 2013 - June 2017*
GCE Advanced Level Examination   Z-Score: 2.680
All A Passes in Physical Sciences stream (Island rank 76th, District Rank 2nd)

ACHIEVEMENTS

IEEExtreme 12.0 & 13.0 (IEEE)	Top 100 (global)	2018 & 2019
ACES Coders v8.0 (University of Peradeniya)	Winners	2020
UOJ Coders v1.0 (University of Jaffna)	Winners	2019
HackX 2019 (University of Kelaniya)	Winners	2019
IESL RoboGames '18 (IESL & University of Moratuwa)	Winners	2018
14th YCS Competition (Ministry of Education & FITIS)	Winner	2015
XOBot '19 (IESL & University of Jaffna)	Runners Up	2019
Realhack 2.0 (University of Kelaniya)	Runners Up	2019
IDEA Challenge (University of Moratuwa & IESL)	Runners Up	2018

TECHNICAL STRENGTHS

Languages (Strong Familiarity)	Python, Dart, Java, JavaScript
Languages (Medium Familiarity)	C++, TypeScript, Golang, PHP
Online web Development	NodeJS, HTML5, CSS, Bootstrap, PHP, WordPress
Databases	MySql, PostgreSql, Firebase Firestore

PROJECTS

Theme Provider — Open source plugin   *June 2019*
An easy to use theme controlling plugin for Flutter which automatically rebuilds UI on theme changes.
https://pub.dev/packages/theme_provider

Rise of the Pharaohs Scavenger hunt app   *October 2019 - February 2020*
Scavenger-hunt mobile app created as the invitation for the CSE event – Rise of the Pharaohs.
https://github.com/kdsuneraavinash/cse-night-app.

Teleport Mobile App(Android/iOS)   *August 2019 - September 2019*
App developed for HackX competition in order to use sharing economy in transferring goods.

Tic-Tac-Toe Playing Robot Arm — Mobile app integrated robot   *October 2019*
This was a vision-based approach to developing a tic-tac-toe playing robot using Arduino, Android
and OpenCV.

Open Inventory System — Inventory Management System   *February 2020 - June 2020*
Automated inventory management system for computer labs with RBAC. The system consisted of a
mobile application and a web application.
https://github.com/openinventoryorg.