

Dhruvan Kartik

Dubai, United Arab Emirates

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Work Experience

Olcott Memorial Higher Secondary School

Teacher

Internship

Jul 2022 – Aug 2022

- Taught secondary and primary students Computer Science.
- Taught Secondary Students C++, and Python.
- Taught Primary Students Computer Hardware.

Karkal

Full-Stack Web Developer

Client

Nov 2022 – Dec 2022

- Developed the website for the E-Commerce store Karkal.
- Worked on Database Migration from MySQL to Firebase.
- Worked on the UI elements with JavaScript and ReactJS.
- Made a full backend environment so admins and the owner can easily add new products to the lineup.

Projects by Me

Versace

Python, C++

Programing Language

GitHub

- Designed a functional and useful Programing Language.
- Has a similar runtime speed to C but is syntactically similar to python, C++, and has support for all python code.
- Has the ability to transpile Versace code to Python or even to a binary compiled executable.
- Versace is a fully compiled language with native support for async functions and constants, something python does not have.
- [GitHub Link to Versace](#)

Minimal Clock

Python, C++

Minimal Aesthetic Clock

GitHub

- Designed a very quick and minimal clock.
- Used Cython on Ctypes in the program to make use of native windows functions such as acrylic.
- Included a config file where you can dynamically and easy change settings in the clock.
- [GitHub Link to Minimal Clock](#)

Data Finder

Python

Simple to use data finder

GitHub

- Designed to be used with exceptionally large csv files.
- Made to be user friendly and easy to use, all you do is add the csv file and search.
- Output is extremely easy to read and comes out nice and clean with all related results.
- [GitHub Link to Data Finder](#)

Technical Skills

Strongest Areas

Data Management, Terminal based UI, Web Dev, Backend Dev, Programing Language Development.

Programing Languages

Python, C++, C, C#, Java, JavaScript, and ReactJS, Ruby, Rust, Swift, Flutter.

Libraries

React.js, PyCharm, Tinker, Windows.h, Pandas, Numba, CSS3, Git, NodeJS, and many more.

Database

Firebase, MySQL, MongoDB.

Platforms

Windows, MacOS, Linux.

Education

Gems First Point School

Dubai, United Arab Emirates

GCSE/ IGCSE	Sep 2019 – Jun 2021	AS Levels / A Levels (predictions)	Sep 2021 – Jun 2023
Computer Science	8	Game Design	5 Distinctions
Science	8	Mathematics	A
Mathematics	7	Computer Science	A
Design Technology	6	Physics	N/A
Business	5		
Psychology	4		
English	4		