

Kinshuk Phalke

Contact +971503239230 Email phalkekinshuk@gmail.com LinkedIn [linkedin.com/in/kinshukphalke](https://www.linkedin.com/in/kinshukphalke)

Internships

Emirates Aviation College, Dubai

Aug 2019- Sept 2019

Learned to code in Arduino IDE, learnt and applied Aerodynamics principles, built and flew a Water Rocket from household materials for 1.2Km, Designed and Flew a 3D Printed drone.

Manipal University, Dubai

Jul 2019- Aug 2019

Coded and built a line-following robot from Arduino using algorithms. Designed an Arduino line following bot by testing Line following algorithms and interfacing with Bluetooth module.

Education

Delhi Private School Sharjah, UAE

Jul 2010-

High School Diploma in Computer Science

Academic Honors

- Sharjah Award for Excellence in Education 2017(Highest Student Honor)
- Hamdan Bin Rashid Al Maktoum Award for Distinguished Academic Performance 2016 (Highest Student Honor)
- Manipal Young Innovators Award 2017
- Merit Honor International Teenagers' Mathematics Olympiad 2019
- Silver Honor Asia International Mathematical Olympiad 2020

Additional Coursework

Machine Learning, Stanford University (Coursera)

Learnt Machine Learning in MATLAB. Built Support Vector Machines, Neural Networks, Natural Language Processing software and image recognition models

Research

GRIP Program, NUS Singapore

March 2019 – Dec 2019

Created ML based app on food waste for Global Research Immersion Program. Conceptualized idea by making medical patch, a band worn over the wrist, to measure the ghrelin, the hunger hormone to know calories required. Presented Prototype to professors in NUS, Singapore.

iSight

April 2017 – Dec 2017

Designed iSight, goggles for the blind using LEGO Mindstorms and MIT App Inventor. Using data from the proximity sensors inbuilt in the goggles, iSight completely maps out the environment around the user. Won Manipal Young Innovators Challenge.

Leadership

President Environment 2020-21

Secretary Environment 2019-20

Team Leader School Chess Team 2018-

Team Leader Robotics Team 2017-

Skills

Programming C++/C · Python · JavaScript · MATLAB · C#

Analytics SQL · MATLAB · Excel/VBA

Web/Media HTML/CSS/JavaScript

Photoshop · Unity · Autodesk Fusion 360

Electronics Arduino IDE · Raspberry Pi · LEGO Mindstorms

App Development Ionic Framework · ReactJS · Android Studio

Extra-Curriculars

Chess 1100 International FIDE Rating

Drums Grade 4, Rock & Pop Trinity College, London

Public Speaking MUN & Toastmasters

Creative Writing Community Reports at National Newspaper Gulf News and School Magazines

Art Pracheen Kala Kendra, India

Volunteering

Education for All India Hosted "Education for All", a campaign that helps the underprivileged children in India by making them realize their true worth. I organized auction to sell paintings made by orphans to raise \$1200 and make them independent for 5 years. Hosted Galleries and Arranged Professional Art Classes.

Dubai Cares, UAE Volunteering more than 5 years in multiple activities like Packing school bags for different campaigns and Walk for educations.

Emirates Environmental Group Participated in Clean Up Drives. Collected 300 kgs of waste from areas around Dubai. Donated 2,000 kg of paper, 25 mobiles and planted 15 trees.