Aryan Mediratta

Delhi, India
aryan_02@outlook.com
http://aryanm.me

I am a tech enthusiast who enjoys working on web development and programming projects. Graphic Design and Animation are also my specialities.

Technical Skills

Likes: c++ html5 javascript css3 html5-video php html wordpress arduino arduino-uno arduino-ide lego-mindstorms-ev3 jquery after-effects illustrator premiere-pro codeigniter mysql

Dislikes: reactjs python

Experience

Vice President – Byte Club   *May 2018 → Current*
codeigniter, php, html5, css3, javascript, ecmascript-6, photoshop, after-effects, json, xml, ajax

I manage the club and handle its functioning. I developed the club's website and the event's promo video.

Programmer – Forever EV3   *2016 → Current*
lego, arduino-uno, arduino, arduino-ide, html5, css3, javascript, solidworks

I program robots using Arduino and Lego Mindstorms EV3. I also enjoy 3D model making and printing. My Robotics team, Forever EV3 has scored an all-India rank of one in RoboCup Junior Rescue 2017 Secondary level.

Education

Bal Bharati Public School, Pitampura, Delhi   *Apr 2007 → Current*

Certifications

Microsoft Office Specialist - PowerPoint
powerpoint

HTML5 and CSS3 Fundamentals
html5, css3, javascript, ecmascript-6

Big Data 101 – https://courses.cognitiveclass.ai/certificates/2ec3ae610a2d4dd3bf402e34230d9868   *Aug 2018 → Current*
bigdata, hadoop

Blockchain Essentials – https://www.youracclaim.com/badges/03992dbb-de4f-427a-aee7-ad775b1e0d1f/public_url   *Jun 2018 → Jun 2018*

Projects & Interests

PID Line Follower Algorithm for EV3 – https://github.com/aryan-02/2sensorpid   *Dec 2017 → Current*
ev3, pid, proportional-integral-derivative, lego, lego-mindstorms-ev3

aryan-02/PiMusic – https://github.com/aryan-02/PiMusic   *Mar 2018 → Mar 2018*
c++, windows.h

A project I made on Pi Day. It maps the digits of the decimal expansion of Pi to musical notes and produces a nice melody while showing the number that particular tone represents.

Public Artifacts

Byte.IT Promo Video – https://youtu.be/bUL3IQlq7vY   *Jun 2018*
after-effects, adobe-premiere, adobe-audition, illustrator-cc

This is the promo video for my school's computer club's tech fest.

Sugar Labs Promo 720p60 – https://youtu.be/sTNj_q6yrDs   *Dec 2017*
premiere-pro, adobe-creative-cloud

I made this promo video for Sugar Labs at Google Code-In 2017

Apps & Software

Byte Club Website – https://byteclub.in   *Jul 2018*
php, html, css, javascript, jquery, material-design, codeigniter

This is the website of my school's computer club

µPhone - An iPhone and Pixel Parody – http://myawesomeproduct.is-best.net
php, html5, css3, jquery, javascript, photoshop

Feb 2017

This is a parody website I made for the iPhone 7 and the Google Pixel

Others

Organized Byte Club's Annual Tech Fest – Event
html, css, javascript, php, photoshop, management

Jul 2018

Hosted the first iteration of the Annual tech fest of Bal Bharati Public School, Pitampura.

Finished third at Xino 2018 Execute.EXE – Competitive Programming
c++, c++17, algorithm, dynamic-programming

May 2018

XINO is an annual tech symposium at DPS Rohini where students from the top schools all over delhi come and compete in various contests. Execute.EXE was their programming event.

Won the Bronze Beaver award at the National Science Film Festival of India 2018 – Movie making
premiere-pro, character-animator, photoshop

Feb 2018

My movie 'Black Holes' was awarded with the bronze beaver award at NSFFI 2018. I also worked in another Bronze Beaver-winning movie called Psycho Social.

Represented India at International Robocup Junior 2017 Nagoya Japan – Robotics
c++, arduino, ev3

Jul 2017

My team attained the fourth position internationally in the Super Team Rescue Line challenge.

Achieved International Rank 615 at Codechef SnackDown 2017 – Competitive Programming
c++14, g++

May 2017

Certificate id: 1d340fc1856565eedf98c1544f06a633, Username: aryan_02 Verification Link:
https://www.codechef.com/certificates/verify

Tools

Favorite Editor: Sublime Text