

Rahul Bhope

dev.rahulatulbhope.com | +91-8097997207

EDUCATION

NIT TRICHY

B TECH IN INSTRUMENTATION AND
CONTROL ENGINEERING

Expected May 2020 | Trichy, India

Minors in Computer Science

Cum. GPA: 7.81 / 10.0

IITIAN'S PACE

Grad. May 2016 | Mumbai, India

HSC: 90.46%

LOKHANDWALA FOUNDATION SCHOOL

Grad. May 2014 | Mumbai, India

ICSE: 97%

LINKS

Github:// [rahulatulbhope](#)

LinkedIn:// [rahul-bhope](#)

COURSEWORK

UNDERGRADUATE

Basics of Programming

Data Structures and Algorithms

Micro processor and Micro controller

Programming

Digital Electronics

Linear Algebra and Probability

RESEARCH INTERESTS

Neural Networks

Deep Learning

Android App Development

Internet of Things(IOT)

SKILLS

PROGRAMMING

Over 5000 lines:

• Java • Android

Over 1000 lines:

• C • C++ • Python

Familiar:

• R language • MySQL • HTML • CSS •

Javascript • Node.js • MongoDB • LaTeX •

MATLAB • Arduino

PACKAGES

• MS Word • MS PowerPoint • MS Excel

• MS Access • Adobe Photoshop

EXPERIENCE

MAIRE TECNIMONT | IN PLANT TRAINEE

December 2017 | Mumbai, India

- Learnt about Instrumentation practices in the Industries and Power Plants.
- Major area of focus was Control Valves and basics of Control Systems.

SPIDER R & D CLUB OF NIT TRICHY | ANDROID APP DEVELOPER

December 2017 | Trichy, India

- Part of the R & D club of NITT, building and maintaining most of the applications built for the institute.
- Among top 8 Android App Developers selected from over 300 applicants.
- Conducted Workshops for Juniors and students of colleges across Tamil Nadu.

PROJECTS

IOT LAB OF NIT TRICHY

May 2017 – Present | Trichy, India

Developing a Smart Safety Helmet for Construction Workers which include Gas Sensors, Temperature Sensors, IMU Sensors using principles of IOT, Machine Learning and Microcontroller programming. Participating in Sangam Exhibition in Pragyan 2018. Implemented Logistic regression to identify nodding and non-nodding positions using the IMU sensor and logistic regression on alpha, beta and gamma parameters of the EEG to identify the stress levels of the mine or the construction workers.

PAINT APP ON THE GOOGLE PLAYSTORE

December 2016

Published an app named Paint on the Google Play Store which has around 1000+ downloads all over the world..

CERTIFICATIONS

COURSERA

Neural Networks and Deep Learning

Neural Networks and Deep Learning by deeplearning.ai on Coursera. Certificate earned on Saturday, February 3, 2018 1:34 PM GMT

DATA ANALYTICS AND MACHINE LEARNING WORKSHOP

Trichy, India

Completed a workshop on Data Analytics and Machine Learning by Best in Town Analytics. Our main objective was to train a sample data set on R Language and Microsoft Excel.

AWARDS

2016 Finalist of Hunt the code in Pragyan Inhots

2013 First place in STEM Innovation Camp 2013 sponsored by Blackberry

CLUBS

2017 College

Spider R & D Club of NIT Trichy

2016 International

AIIESEC in NIT Trichy

2014 College

Publicity manager at Festember 2017 NIT Trichy

2012 National

NSS - Executive Committee Member