TARUN LAHROD

ANDROID DEVELOPER,
C++/JAVA/PYTHON PROGRAMMER

CONTACT INFORMATION

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ACADEMIC BACKGROUND

Bharati Vidyapeeth's College of Engineering, New Delhi
BTech in Computer Science (Aug 2017 - June 2021)
CGPA: 8.04

SKILLS

- Programming languages
  - C/C++, Python, Java
- Android Development with Java
- Firebase (Android development in Java)
- Data Structures and Algorithms, Competitive Programming (Beginner level)
- Front-end Web Development: HTML, CSS, JavaScript, jQuery
- RDBMS (MySQL)
- Version Control System: Git
- Inkscape (graphic designing)
- Arduino Programming

ACHIEVEMENTS

- **1st Prize (out of 700 teams)** in Rajasthan Hackathon 5.0 (Digifest) at Bikaner in July 2018, our team was granted a funding of $20,000 by the Rajasthan Govt. for research purposes.
- **3 stars on Codechef** (Max rating: 1774)
- Qualified Google Code Jam, 2019 and 2020
- Qualified Facebook Hackercup
- Ranked amongst top 10 in INSPIRE AWARDS 2015 State Level
- Qualified INSPIRE AWARDS 2015 National Level
- Qualified *Fit in Deutsch 2* in 2014.

PROFILES

- LinkedIn: tarun-lahrod
- GitHub: tarunlahrod
- Codechef: tarun_lahrod
- Portfolio: Here

CERTIFICATIONS

- CodeChef Certified Data Structure & Algorithms Programme (Foundation Level) (View certificate)
- Completed Robotics and Arduino Development series by RAS BVPIEEE
- Completed the Android Development series conducted by BVPIEEE

EXPERIENCE

Android Development Summer Trainee

Delhi Metro Rail Corporation (June 2019 - July 2019)
- Developed an Android application to find various routes (Time efficient and crowd efficient) in a metro network implementing **graph data structure in Java**.
- Technology used/learned: **Android Development in Java and Git.**
(github.com/tarunlahrod/Metro-App)

Android Instructor

BVPIEEE (Sept 2018 - Feb 2019)
- Conducted a certified Android Development workshop series for 20+ students.
- Introduction to **Android Development** was taught.

PROJECTS

Rakt Seva (Android Application)

- A crowd-sourcing application for people seeking blood for donation.
- Real-time usable application for connecting seekers and donors.
- Technology used/learned: **Android Development in Java, Firebase Authentication, Firebase Real-time Database, OOPs programming and Git.**
(github.com/tarunlahrod/RaktSeva)

Student Evaluation App

- Project developed under College Department Faculty.
- Developed an android application to access, store and retrieve student evaluations and other details.
- Technology used/learned: **Android Development in Java, Firebase user authentication, Firebase Real-time Database, Object-Oriented Programming and Git**.
(github.com/tarunlahrod/Student-Evaluation-Project)

T-Rex Game

- Developed a game similar to Google Chrome's T-Rex.
- Technology used/learned: **HTML, CSS and JavaScript**
(github.com/tarunlahrod/T-Rex)

Robotic Snake

- Robot with a shape similar to snakes using Servo motors.
- Worked on robot's hardware and writing for code the movement of Servo motors.
- Technology used: **Arduino Programming** (C language)

Maths Game

- Developed a simple game in which user gets points for choosing the correct product of 2 numbers.
- Technology used/learned: **HTML, CSS and JavaScript**
(github.com/tarunlahrod/Maths-Game)

Path planning Robot (ATmega2560 based)

- Autonomous robot with an arm to uplift and hold objects.
- Implemented shortest path algorithm (**Dijkstra Algorithm**).
- Made for eYantra 2018 competition.

VOLUNTARY WORK

- Event sub-manager of Line Following Challenge event in Annual Fest of BVPIEEE. (2018)
- Organizing member in WIEHACK - 24 Hr All Women Hackathon, 2018 under BVPIEEE.
- Organizing member of INNOVICON (2019), AI theme based conference organized by BVPIEEE.

Last updated: August 14, 2021