

NIMISH NIKHIL BONGALE

About Me

An Information Science student at Ramaiah Institute of Technology currently in his third year of Bachelor of Engineering program with well-cultivated knowledge of Web Development, Cross Platform Mobile App Development, Machine Learning and Data Structures & Algorithms. Currently seeking to gain hands-on experience in IT operations, Software Development and Content Creation through full-time internships.

Contacts

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Skills

HTML, CSS, Bootstrap
MERN Stack
React Native, Android
Cloud Services
Cypher, NoSQL, SQL

Education

| Degree | Institute | CGPA/% | Year |
|---------------------------------|---|------------------------|---------------|
| Bachelor of Engineering | Ramaiah Institute of Technology | 9.47 (for 4 semesters) | Expected 2021 |
| AISSCE (CBSE 12 th) | CMR National Public School, Bangalore | 90.4% | 2017 |
| CISSCE (ICSE 10 th) | Ryan International School, Kundalahalli | 94.7% | 2015 |

Experience

- **Intern** @Divum Corporate Services - June 2019, August 2019 - Worked with React Native and Blockchain technology for our client Bosch. <https://divum.in>
- **Google Developer Student Club Core Team Member (DSC-RIT)** - (February 2019 - Ongoing) DSC-Website- www.dscrit.dev
- **Head & Founding member** - November 2018 - Numera, The Mathematical Society of RITB - Formed the club along with a few other members from scratch.
- **Quora Partner** - October 2018, ongoing - Engaged in content creation and improving the general quality of answers and questions. Also functioned as an initial product testing member for Quora Marathi. <https://www.quora.com/profile/Nimish-Bongale>
- **Intern** @Leistung Motoraad - May 2018 - Contributed towards research and development of a smart electric bike made for Indian Roads. Rollout expected soon.

Research Work & Projects

- **Spider Monkey Optimization Algorithm, a Quantifiable, Objective Study** - (March, 2019 - Ongoing) - Wrote a book chapter for Springer(<https://www.springer.com/in>) for their volume "[Nature Inspired Computing for Data Science](#)" under the series "[Studies in Computational Intelligence](#)". This edited book is submitted to indexing in Web of Science, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.
- **Breast Cancer Detection using Applied Machine Learning** - (2018-19) - Researched about how the entire process of breast cancer detection (Mammography, followed by Thin-Needle FNAC, and then by Biopsy) could be reduced by a better analysis of the mammogram itself. Produced a Software which gave a high percentage of accuracy.

- **Laser Interferometer Gravitational-Wave Observatory (LIGO) small scale build** – (2017)– Attempted to reconstruct a miniature version of LIGO to detect the presence of gravitational waves. Recorded interference fringes. The device, however, wasn't sensitive enough to detect minute disturbances.
- **Crude Production of Luminol** –(2017) – Produced Luminol (low yield, 15%) from scratch using complex chemical reactions.
- **Luxor Taxi app** –(2017)–Developed a taxi-app simulating a real-time environment for booking taxi's using binary files and text files, using C++.

Achievements

- **Won 1st Place at IBM Call for Code Hackathon** –(2019)– Developed a GrEBoN/NEBoN stack website which integrated with IBM Cloud services. This website was built with an aim to apply technology for rescue and help during a natural disaster.
- **Won 1st Place at Google I/O Extended Event** –(2019)– Scored the maximum marks in a Google Cloud Services Competition, and was adjudged the winner.
- **Won 2nd Place in RIT Annual Sports Meet Chess Competition** –(2019)– Scored 5/6 points to come second (Swiss Tourney, Median Buchholz Technique)

Key Skills

- In-depth knowledge of the following programming languages:

Python2 | Python3 | JavaScript | Java | HTML | CSS | C++ | C++14 | C | Bash | Tex Assembly | Vue | Jupyter Notebook | Mathematica

Cross Platform Mobile App Development (Android Studio, React Native)

Front End Development (HTML, CSS, ReactJS, VueJS)

Machine Learning (TensorFlow, Keras, Watson Studio)

Cloud Services (Kubernetes, Docker on IBM Cloud, Google Cloud Platform)

- Soft skills: Communicational and Organizational skills, Adaptability, Teamwork, Creativity.