

April 24, 2017

# NIKHILESH MATH

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## CONTACT INFORMATION

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## OBJECTIVE

Seeking an internship position as a part of eYSIP - 2017 at Indian Institute of Technology, Bombay to explore career options in the Embedded Research Sector . A hard-working and self-motivated undergraduate student in 3rd year Electronics and Communication.

## EDUCATION

| Degree   | College/School                     | University  | Passing Year | Pass Percentage    |
|----------|------------------------------------|---|--------------|--------------------|
| B.E(ECE) | B.M.S College of Engineering       | Visvesvaraya Technological University             | 2018         | 8.32 (As of Sem V) |
| 12th     | Independent PU College             | Department of Pre-University Education, Karnataka | 2014         | 87%                |
| 10th     | Nandi International School,Bellary | Central Board of Secondary Education              | 2012         | 8.6                |

## PROJECTS

1. **Wireless Joystick Controller** using mbed1768 ARM Cortex M3 Based Microcontroller , xbee module and USB HID.
2. **Two-wheeled Self Balancing Robot** using ATmega 2560 as part of E-Yantra Robotics Competition, 2016-17.
3. **OCR Puzzle Solving Robot** based on the Firebird V Platform as part of E-Yantra Robotics Competition, 2015-16.
4. **OCR Puzzle Solving Robot** based on the Firebird V 8051 Platform as part of 8051 Micro-controller Application, 2015-16.
5. Object Detection using Google API platform.
6. **6T S-RAM Cell** with Cadence tool.

## TRAINING AND INTERNSHIP

- Java SE
- Oracle

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|-----------------------------|---|
| RESEARCH AND PUBLICATIONS   | N.A   |
| TECHNICAL SKILLS            | <ul style="list-style-type: none"> <li>• Programming Languages - Java SE, C, C++, Python, MATLAB, Embedded C, Oracle , Basic HTML, Basic Android Application Development.</li> <li>• VLSI Design - Verilog HDL, Cadence Virtuoso.</li> <li>• Microcontrollers - Intel 8051, AVR ATmega Microcontrollers, Arduino, ARM Cortex M3 Based mbed Series Microcontrollers.</li> <li>• Technical Writing - Microsoft Word, Microsoft Excel, Microsoft Powerpoint, LaTeX.</li> <li>• Image Processing - Matlab, Python.</li> </ul> |
| SOFT SKILLS                 | <ol style="list-style-type: none"> <li>1. Able to Listen</li> <li>2. Accept Feedback</li> <li>3. Adaptable</li> <li>4. communication skills</li> <li>5. information collection and management</li> <li>6. organizing and planning skills</li> <li>7. problem-solving</li> <li>8. creativity</li> <li>9. persuasiveness</li> <li>10. initiative</li> </ol>   |
| EXTRA CURRICULAR ACTIVITIES | <ul style="list-style-type: none"> <li>• online courses from edx and coursera.</li> </ul>   |
| CO CURRICULAR ACTIVITIES    | <ol style="list-style-type: none"> <li>1. Participated and Won in Self Balancing Robot Theme of E-Yantra Robotics Competition,2016-17.</li> <li>2. Participated and Progressed to task 2 in Puzzle Solver Theme of E-Yantra Robotics Competition,2016-17.</li> </ol>  |
| PERSONAL INFORMATION        | <p>Father's Name : Chandra Mouli M</p> <p>Mother's Name : Vanajamma</p> <p>Sex : Male</p> <p>Date of Birth : 13th Sept,1996</p> <p>Nationality : Indian</p> <p>Marital Status : Unmarried</p>   |
| REFERENCES                  | Furnished upon request.   |
| DECLARATION                 | I do hereby declare that the above given information is true and correct to the best of my knowledge.   |
| DATE                        | 24th April,2017   |