



Nikhil Diwakar Limaje
Computer Science & Engineering
Indian Institute of Technology Bombay
Specialization: Computer Science & Engineering

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M.Tech.
Male
DOB: 23/01/1991

| Examination | University | Institute | Year | CPI / % |
|--|-------------------|------------|------|---------|
| Post Graduation | IIT Bombay | IIT Bombay | 2014 | 8.07 |
| Undergraduate Specialization: Computer Engineering | | | | |
| Graduation | Mumbai University | DMCE | 2012 | 66.63 |

Fields of Interest

Web Security, Computer Networks, Functional Programming

M.Tech. Project

- Web Security - Next Generation Attacks and Defenses**

(M.Tech. Project, under the guidance of Prof. Bernard Menezes)

May'13 - till date

- Designing attacks on web applications that exploit features in the recent HTML Version 5
- Implementing next generation Clickjacking, XSS and blended attacks on the WWW
- Critically evaluating client side, server side and combined client-server side defenses
- Upgrading browser extensions for enhanced security

M.Tech. Seminar

- Secure Group Communication Over Data Networks**

(M.Tech. Seminar, under the guidance of Prof. Virendra Sule and co-guidance Prof. Bernard Menezes)

Spring '13

- Studied security related issues in Group Communication
- Studied various protocols for computing and distributing the group key securely among the legitimate members
- Analysed these schemes with respect to communication and computation costs

Other Projects

- CSRF, Blind SQLi, DOM based XSS: The Evil Triangle** *Network Security and Cryptography II*
- Design of Block Cipher and its analysis** *An Introduction to Number Theory and Cryptography*
- Segment Routing Optimization** *Optical and Access Networks*
- Parser for micro-Haskell** *Functional Programming*
- Performance Analysis of Sort Utility** *Software Lab*
- Nutrient Feeding Robot** *Embedded Systems*
- Authentication using Biometric Pattern Analysis** *BE Final Year Project*
- Cricket Website** *BE Third Year Project*

Technical Skills

- Programming Languages:** C, C++, Java, Haskell, Bash Unix Shell Scripting, Python
- Tools:** Perf, svn, Gnuplot, L^AT_EX

Positions of Responsibility

- Volunteered** in organizing an International Level Conference **ICVGIP 2012**, held at **IIT Bombay** 2012
 - Part of the Registration team, which handled around **1000** participants
- Teaching Assistantship:**
 - Computer Architecture *(with Prof. Bernard Menezes)*
 - Conducted lab sessions, prepared tutorials and evaluated assignments of **120** students
 - System Administrator *(with Prof. Subhadra Ramchandran)*
 - Ensured proper functioning of around **200** machines during lab hours

Extra-Curricular Activities

- Participated in the **Robotics** event at **Technitude'09**, a state level technical festival held at DMCE 2009
- Participated in **Kresit Premier League**, a Department level Cricket Championship Tournament, at IIT Bombay 2013
- Participated in Intra Hostel Cricket competition at Hostel-5, IIT Bombay 2013
- Hobbies:** Cricket, Badminton, Carrom, reading technical e-books, listening music