Shanbhag Anil Atmanand 100050082
Computer Science & Engineering **UG Third Year (B.Tech.)**
Indian Institute of Technology, Bombay **Male**
Specialization: Computer Science & Engineering **DOB: 11-04-1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	9.50
Intermediate/+2	Karnataka State Board	VVS Sardar Patel PU College	2010	92.33
Matriculation	CBSE	Venkat International Public School	2008	92.80

SCHOLASTIC ACHIEVEMENTS

· Pursuing **Minor** in **Statistics** and **Honours** in Computer Science
· Currently ranked **5th** in the department (out of 89 students)
· Secured **38th** position in **IIT Joint Entrance Exam 2010** (out of more than 200,000 students)
· Secured **1st** position in **Karnataka Common Entrance Test(KCET) 2010**. Feliciated by Education Minister, Govt of Karnataka for the same. Secured 3rd position in COMED-K
· Awarded **Kishore Vaigyanik Protsahan Yojana** (KVPY) fellowship for the period 2009-2010
· Placed in top 1% in *Indian National Physics Olympiad, Indian National Chemistry Olympiad* and *Indian National Physics Olympiad.*

WORK AND RESEARCH EXPERIENCE

RDF Provisioning for the Internet of Things May-July, 2012
Internship, TU-Braunschweig, Germany

· Worked on bringing wireless sensor nodes into the IoT by having embedded tuplestore for RDF data storage and interacting with outside world via CoAP.
· Implemented CoAP protocol in Wiselib and made sensor nodes service RESTful CoAP requests.

Co-Founder and Core Developer, recharge123.com 2011 - 2012

· Recharge123 is a online recharge portal which provides a unified interface for mobile and DTH recharges.
· The portal targeted at merchants had a turnover of over INR 10 million in the first year.

Dashed Border Implementation May-July, 2011
Student , Google Summer of Code ; Organisation : Mozilla

· Improve border corner rendering and interaction of dashed style with other styles.
· Created and implemented variable gap length rendering logic for rendering dashed borders allowing smooth corner transitions. Prototyping done in python followed by patching the source code.

POSITIONS OF RESPONSIBILITY

Manager, Web and Coding Club, IIT Bombay 2012

· Manager of one of the largest student clubs with over 1200 members.
· Organize various sessions, competitions and workshops on different programming topics.
· Promoting open source activities in the institute. Launched the Bug Squashing Contest.

Institute Cultural Web Nominee, Institute Cultural Council 2011 - 2012

· Part of the 11 member team responsible for organising cultural activities on IITB campus.
· Redesigned the Gymkhana Cultural website; new initiatives included online noticeboard to give over 6000 students daily cultural updates.

Teaching Assistant, PH 105 Spring 2012

· Selected as TA for first year physics course. Work involves taking tutorials for class of 30 students, assist in conduct of examination and evaluating the same.

ACADEMIC PROJECTS

Titanis   Autumn 2011
· A small scale web search engine implementation with PageRank algorithm.
· Used concepts of reverse index and hashing to get fast results on a dump size of 1GB.
· Created a web interface in web.py framework by creating python bindings for the C++ core.

PIPE (PIPE Is a Photo Editor)   Spring 2011
· Developed a cross-platform GUI based sophisticated raster image editor in PLT Scheme.
· Implemented features like Gaussian blur, automatic selective color transfer and image channel histogram manipulation.

Serpent Mania   Autumn 2010
· Led a group of 20 students to develop a multilevel snake game using C++.
· Implemented levels, scoreboard and multiplayer features.

CODING AND DEVELOPMENT

Yahoo! HackU '12
· Won the competition for developing a utility app *DriveStack*, amongst over 40 entries.
· Unified various cloud storage services into one easing management of storage.

Digit Chrome Challenge '11
· One of the winning entries at the competition for developing app *Speech Recognizer*.
· This app uses the TTS feature in chrome to create a useful powerful tool to use voice to do the normal typing jobs

Miscellaneous
· **Committer** for **Wiselib**, a generic algorithms library for heterogeneous, distributed, embedded systems.
· Developed Chrome extensions which in all received **35K+** users.

EXTRA-CURRICULAR ACTIVITIES

· Created **Singing Electric Arc** (plasma speaker) as a part of **Technovation** . The device used used modulated electric arcs to play music.
· Designed site of **LiveWire Mood Indigo**. Worked as Coordinator for MoodIndigo'11 Creatives team.
· Secured **2nd** position in the *Arduino Coding Contest* held by Electronics Club, IITB.
· Gave talk titled "*Using VIM as C++ IDE*" at Using VI Advanced Session.
· Awarded **NSS Special Mention** for contribution towards social activities. Facilitated cloth donation drive and organised rubix cube solving workshop at campus school for the under priveleged students.