



Govind Girish Chintapalli
Computer Science & Engineering
Indian Institute of Technology, Bombay

09005048
UG Third Year (B.Tech.)
Male
DOB: 18 April, 1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	7.25
Intermediate/+2	APBIE	Narayana Junior College	2009	90.60
Matriculation	SSC (APBSE)	Brilliant Grammar High School	2007	91.83

Projects

Just-in-time Compiler

On-going

- Language : C
- A JIT for the python virtual machine to dynamically translate byte-code to machine code.

Web-Crawler and Indexer

Autumn 2010

- Guide : Dr.Om Damani
- Language : C++
- We used Cosine-Measure and Google's page-rank algorithm among others; all in all, it was a great experience for me.

Vector Font Renderer

Spring 2010

- Guide : Dr.Amitabha Sanyal
- Language : Scheme
- Made a program in Scheme to create and render vector fonts with a good interface as there is significantly more interaction in it. For this we had to use splines to make the font look smoother and ligatures to make it look flowing. It presented a balance of interface design and algorithm design which are equally important for a successful program.

Unique Student Identification

Autumn 2009

- Guide : Dr.D.B.Phatak
- Language : C++
- It involved the analysis of fingerprints (which involved Image Processing) and a good deal of Data-handling.

Yahoo! HackU IIT Bombay 2010

- Made a hack to download images related to a query and set them as a slide-show wallpaper.
- Implemented using YQL and Json.

Academic Honors	<ul style="list-style-type: none"> • Secured All India Rank 35 in IIT JEE out of about 400,000 students who appeared for the test. • Secured All India Rank 361 in AIEEE out of about 960,000 students who appeared for the test. • CBSE scholarship for rank in AIEEE which was offered to 302 students throughout India. • Secured State rank 1869 in EAMCET out of about 310,000 students who appeared for the test.
Course Undertaken	<ul style="list-style-type: none"> • Data Structures and Algorithms, Design and Analysis of Algorithms, Program Derivation* • Discrete Structures, Automata Theory and Logic • Logic Design, Computer Architecture • Operating Systems* • Database and Information Systems* • Abstractions and Paradigms in Programming <p>* Courses to be completed by November 2011</p>
Computer Skills	<p>Programming Languages: C++, Java, Java-Swing, Scheme, Python, Java-Script, PHP</p> <p>Markup Languages: (X)HTML, \LaTeX, CSS</p> <p>Scripting Languages: Python, bash, Perl</p> <p>Software: NumPy, Sage</p> <p>Operating Sys: Windows, GNU/Linux</p>
Special Interests	<ul style="list-style-type: none"> • Algorithm Design & Formal Derivation • Functional Programming • Compiler Design • Web Design
Extra-curricular activities & interests	<ul style="list-style-type: none"> • Vector Art. • Web Design • FOSS; actively follow development of many projects like Firefox, Gnome, Linux-kernel, Chromium, Zeitgeist, Web-Kit etc. • Like tweaking with GNU/Linux. • Worked as an organizer for Prayas-Dimensions-Robowars in Techfest 2009-10. • Am an amateur violinist. Was in NSO music for one year for the same.
Declaration	I hereby declare that the above information is true to the best of my knowledge and understanding.