Saurabh Batra

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EDUCATION

IIT GUWAHATI
BTech in Computer Science & Engineering
Expected June 2018
Cum. GPA: 8.74

SGGSPS, CHANDIGARH
Grad. 2014| 93.4% CBSE Board

BHAVAN VIDYALAYA
Grad. 2012| Chandigarh, India
10.0 CGPA in 10th grade

LINKS

Github:// **saurabhbatra96**
LinkedIn:// **saurabhbatra96**
Facebook:// **saurabhbatra**

COURSEWORK

UNDERGRADUATE
Software Engineering
Algorithms + Data Structures
Computer Organization & Architecture
Automata Theory
Discrete Mathematics
Unix Tools and Scripting

SKILLS

PROGRAMMING
Over 5000 lines:
PHP | JavaScript | C |
AngularJS | CSS | NodeJS
Over 1000 lines:
Shell | C++ | MySQL | Python
Familiar:
Ruby | D3JS | ReactJS

PROJECTS

IMPORT EXTENSION FOR CIVICRM | Google Summer of Code
May 2016 – Aug 2016
- Aim: Develop an extension which allows CiviCRM users to import existing client data from CSV, Excel and Google Sheets format to Civi's database.
- Technology used: AngularJS and PHP. Repository link.

CLI FOR GOOGLE DRIVE | Hobby Project
June 2016
- Aim: Develop a CLI wrapper on top of the Google Drive API so that the user can conveniently access Drive using Linux-like commands (ls, cd, rm etc).
- Technology used: NodeJS. Repository link.

WORK-FLOW AUTOMATION API | Academic Project
Jan 2016 - Apr 2016
- Aim: Develop a workflow automation tool using the concepts of finite automata, to ease the construction of multi-stage forms.
- Technology used: PHP and Shell scripting. Repository link.
- Plus point: Awarded AS (A Star) grade by Prof. Saurabh Joshi.

KRAWLER - A SEARCH ENGINE | Academic Project
Jan 2016 - Apr 2016
- Aim: Build a search engine, using Python libraries: Whoosh for indexing and Beautiful Soup for scraping, which crawls the IITG intranet.
- Technology used: Python, PHP, HTML5 and CSS3.

ASSEMBLER, LINKER AND LOADER | Academic Project
Jan 2016 - Apr 2016
- Aim: Create an assembler, linker and loader for the instruction sets of 8085 processor.
- Technology used: Python.

FILEPANDA - FILE SHARING SYSTEM | Academic Project
Oct 2015 - Nov 2015
- Aim: Build a web-based file sharing system to be used on the IITG intranet.
- Technology used: Django (Python framework).

ACHIEVEMENTS

2016	Head, IIT Guwahati Gymkhana Web Ops
2016	Chief of Staff, IIT Guwahati Model United Nations, Techniche
2016	Participated in over 11 Model United Nations conferences: 3 as Executive Board member, 2 as organizing member, and rest as a delegate. Won awards in all conferences attended as a delegate.
2015	Project Manager, IIT Guwahati Gymkhana Web Ops
2014	Secured All India Rank 928 among 1,50,000 students in JEE Advanced.
2013	Finalist, Indian National Mathematics Olympiad. Only 35 students from grade 9 to 12 were selected from the North region.