

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 which crawls the IITG intranet every day.
- Technology used: Python, PHP, HTML5 and CSS3.

ASSEMBLER, LINKER AND LOADER FOR 8085 PROCESSOR | 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 file sharing system to be used on the 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.