

Arihant Sethia

5th Semester
Bachelor of Technology
Computer Science & Engineering
Indian Institute of Technology Guwahati

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Education

- 2011-Present **Bachelor of Technology**, Department of Computer Science & Engineering
Indian Institute of Technology Guwahati
Cumulative GPA : 7.98/10
- 2011 **Senior Secondary**, Vidya Mandir Sr. Sec. School, Kota
Percentage : 82.3%
- 2009 **Higher Secondary**, Baldwin Boys' High School, Bangalore
Percentage : 93.6%

Experience

- May 2013 - July 2013 **Summer Intern**, [InterviewStreet Technologies Pvt. Ltd.](http://InterviewStreetTechnologiesPvt.Ltd.in), Bangalore
- Developed a secure cross-platform browser where candidates can take test on InterviewStreet.
 - Developed an interface for creating and submitting UML and Electrical diagrams for tests.
 - Developed plug-ins for various browsers and mail clients to help recruiters invite candidates.
 - Built the internal admin panel for InterviewStreet administrators.

Projects

- Python **Coding Portal for IIT Guwahati**, Guide : Dr. P.K Das
Developed an online portal where coding contests can be held by Coding Club of IIT Guwahati. This portal enabled users to code and submit solutions in multiple languages.
- Python **Assembler Linker Loader**, Guide : Prof. Santosh Biswas
Developed an assembler, linker and loader which takes input a custom assembly code separated in multiple files and links them to produce the machine code for Intel 8085 microprocessor.
- JSP **Gymkhana Automation Portal**
Developed an online portal to automate the approval process for event and venue reservation in IIT Guwahati. This project was build using JSP and MySQL.
- Java **SilentZio**, Android Application
Developed an android application to manage calls of the user according to his calendar events. I contributed to this project by designing and developing the UI, Core Logic, and Managing User Data.
- Visual Basic **Card Matching Game**, Guide : Dr. P.K Das
Developed a Card Matching game for kids to help them sharpen their memory skills and ensuring fun in process. This was developed on Visual Studio 2012 Development Environment.
- Java, Web Programming **Digital Bread Board Simulator**, Guide : Prof. Santosh Biswas
Developed GUI for a Virtual Breadboard Simulator using Java. The application provided an interface for drawing of wires and placing of various other electronic components. It could be downloaded from a server with options for signup/login implemented using PHP & MySQL.
- C++ **Spell Checker**, Guide : Prof. Saswata Shannigrahi
Developed a spell checker which could check a particular file for spelling errors and suggest possible corrections. An english dictionary was stored as a left-child right-sibling tree to provide efficient results. Approximate suggestions were provided by calculating Levenstein Distance

Computer skills

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|-----------------------|---|
| Programming Languages | C, C++, Python, Java |
| Scripting Languages | JavaScript, PHP, JSP |
| Software Packages | Qt SDK, Visual Studio 2012, Eclipse, Google App Engine, Adobe Photoshop CS6 |
| Operating Systems | Windows, Linux |
| Markup Languages | LaTeX, HTML |

Positions of Responsibility

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| July 2012 - Apr 2013 | Branch Representative , Department of Computer Science & Engineering, IIT Guwahati |
| July 2012 - Apr 2013 | Technical Secretary , Barak Hostel, IIT Guwahati |

Achievements

- Ranked in **Top 0.3%** amongst **0.5 million** aspirants in **IIT-JEE** 2011.
- Ranked in **Top 0.05%** amongst **1.5 million** aspirants in **AIEEE** 2011.
- Shortlisted for **KVPY Fellowship** 2010.
- Winner of **Website Development Competition** held in **Kriti - Inter Hostel Technical Competition** 2013.
- Winner of **Appagram- Best App Idea Competition** held by [StudentStory.in](#).
- Shortlisted in **Top 150** students for **National Programming League** held by Technozion 2011, NIT Warangal.