

Arihant Sethia

Vth Semester
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
- 2009-2011 **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., Bangalore
- Developed a secure cross-platform browser where candidates can give test on InterviewStreet.
 - Built a test taking interface for creating UML and Electrical diagrams.
 - Built plug-ins for various browsers and mail clients to help recruiters invite candidates.
 - Built the internal admin panel for InterviewStreet administrators.
- July 2012 - Apr 2013 **Branch Representative**, Department of Computer Science & Engineering, IIT Guwahati
- July 2012 - Apr 2013 **Technical Secretary**, Barak Hostel, IIT Guwahati

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. Using this portal users can 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 link them to produces the machine code for Intel 8085 microprocessor.
- JSP **Gymkhana Automation Portal**
Developed an online portal to automate the approval process for event and venue booking 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 heavily in 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 was downloadable 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 suggests possible corrections. An english dictionary was stored as a left-child right-sibling tree to provide efficient results. Approximate suggestions were provided using Levenstein Distance

Computer skills

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

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.