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

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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 To develop an assembler linker and loader which takes input the custom assembly code and produces the machine code for Intel 8085 microprocessor.
JSP	**Gymkhana Automation Portal**, Web 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. A well-organized database was created in order to find the errors and provide corrections efficiently.

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

- Amongst **Top 0.3%** in **IIT-JEE** 2011.
- Amongst **Top 0.05%** in **AIEEE** 2011.
- Shortlisted for **KVPY Scholarship Program** 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.