

Arihant Sethia

6th Semester

Bachelor of Technology

Computer Science & Engineering

Indian Institute of Technology Guwahati

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🌐 www.github.com/arihantsethia

🏠 arihantsethia.github.io

Education

- 2011-Present **Bachelor of Technology**, Department of Computer Science & Engineering
Indian Institute of Technology Guwahati
Cumulative GPA : 7.96/10
- 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.](#), 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

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

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.