AMIT JAIN

B.Tech. 3rd Year, Computer Science and Engineering   Email: ug201310005@iitj.ac.in
IIT Jodhpur   Phone: +91 8387957454

EDUCATION

Year	Degree	Institution	CPI/%
2013-17	Bachelor of Technology	Indian Institute of Technology, Jodhpur	8.0*
2012	Intermediate	New Green Field Academy	83.4
2010	Matriculation	S.I.C.A. Sr. School	8.6

*At the end of 6 semester

ACHIEVEMENTS

- Qualified online regional round **ACM ICPC 2016**.
- Awarded **1st position** in Database systems course among 114 students
- Secured **1st position** in college in Codechef long Challenge September
- Secured **1st rank** in college and **161th Global Rank** in Elimination round of Snack Down Codechef
- Secured an All India Rank **3349** in IIT-JEE (Advanced)-2013 among 1.4 million candidates.
- Awarded Certificate of Merit for being placed in National top **1%** in National Level Science Talent Search Examination in 2011.

TECHNICAL SKILLS

Programming Languages:
Proficient in : *C, C++,C# and Python*   Familiarity with: *JavaScript, Java, HTML*

Specific Tools and Platforms: MySQL, Android SDK , Git , Django

PROJECTS

Chat Bot   [*MICROSOFT INTERNSHIP PROJECT*]
- Developed a Bot to alleviate the Outage reporting incidents subsuming Microsoft corporation product and service across the globe.
- Used UCMA framework for building **Bot for Skype for Business** and OneNote API for integrating OneNote in CWE.

Event Management System   [*Prof. Chiranjoy Chattopadhyay*]
- A Web Application for Event Management in **Django.**
- Applied **Maximum Bipartite Matching** to schedule the events with given three time preferences. Send notification for any changes in schedule via email.

Media Player   [*Prof. Venkata Ramana Badarla]*
- Developed a Media Player in **Python and PyQt4**
- With two special features**: Automated subtitle downloading** and **Bookmarking** of the important section of videos.

Advance Snake Game   [*Prof. Chiranjoy Chattopadhyay*]
- Developed a Snake Game with **moving Food particle with Intelligence**, for enhancing the player's response time.
- Implemented in **Python** using Pygame library, used **Threading** to control both object separately and mutex lock for their Shared attributes.

Process Scheduler   [*Prof. Gaurav Harit*]
- Stimulated a CPU Process Scheduler in C++ using **Fork system call** and **Mutex lock.**
- Analyze the Performance of FCFS, Round Robin, SJF, Priority Scheduling and Multilevel Feedback queue, implemented by creating two modules Process injector(To inject process) and My Scheduler(To schedule injected process).

RELEVANT COURSES

- Algorithm Design and Analysis
- Artificial Intelligence
- Compiler Design
- Computer Organization and Architecture
- Computer Network
- Database System
- Data Structure and Algorithm
- Object Oriented Analysis and Design
- Discrete Mathematics
- Operating System
- Software Engineering
- Theory of Computation

POSITIONS OF RESPONSIBILITY

- **Core Member, Programming club** IIT Jodhpur.
- **Obfuscator Event Coordinator** in Ignus (Intercollege festival)**.**
- **Organizing Secretary**, Cultural Society IIT Jodhpur.