ROHITH YERAVOTHULA
3rd Year B.Tech (CSE) Student,
IIT RAJASTHAN

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Date of Birth: 12th march 1994

OBJECTIVE

I aspire for a creative and challenging **summer internship** where I can exercise my engineering and interpersonal skills and that gives me an opportunity to enhance my skills and knowledge in the field of **Computer Science**. I will try my best to make judgment to my internship by putting my best into it.

ACADIMIC PROFILE

Year	Degree/Certificate	Institute	CPI / %
August 2011-till date	Computer Science and Engineering (B.Tech)	Indian Institute of Technology, Jodhpur	9.17
2008-2010	IPE (Class XII)	Delta Junior Collage Hyderabad	95.5%
2007	SSC(Class X)	Bhashyam Public School	94.83%

FIELDS OF INTEREST
Compiler testing and design
Prime number generating algorithms and prime numbers
Programming and algorithm design

RELEVENT COURSES (B.TECH)

Programming and data structure
Algorithms-I
Algorithms-II
Software Engineering
Theory of computation

Discrete Mathematics
Computer organization
Signals systems and Networks
System Sciences
Mathematical Programming

TECHNICAL SKILLS
- Programming languages: C, python, HTML, C++, java
- Operating systems : windows, Linux/Unix
- Other utilities : MATLAB, MS office, Adobe Photoshop
- Language skills: English, Hindi, Telugu ,French
                   (Good) (Good) (Good) (Average)

SCHOLASTIC ACHIEVEMENTS

- Achieved Internship at DRDO Hyderabad in 2 year
- Among the top 1 percent students out of 5, 00,000 candidates who appeared in IIT-JEE 2011.
- Among the top 1 percent students out of 10, 00,000 candidates who appeared in AIEEE 2011.
- Received the award for best academic performance in class XII

PROJECTS AND WORK EXPERIENCE

- **TESTING FOR THE STABILITY OF GCC(X86) COMPILER USING CSMITH:**
  Worked under **M.Venkat** Sc – 'c' DRDO (Defense Research Development Organization, India) Hyderabad on testing GCC(X86) compiler for its stability using Csmith software fallowing modified differential method (developed a new algorithm used for quickly verifying a compiler) and found few bugs in GCC 4.1.2(Taking LLVM compiler to be a verified compiler in our process)
- **PRIME NUMBER GENERATION:**
  Worked under **Dr. Bibhas Adhikari** (Assistant Prof. at IIT JODHPUR) on generating prime numbers from a given random set of random prime numbers   and carried research to some extent on how would the size of set and given set of primes would impact on generation of prime numbers
- **DESIGNED SOFTWARE FOR ATM WITH ADVANCD FEATURES:**
  Worked under **Dr. Ashutosh Dwidevi** (Assistant Prof. at IIT JODHPUR) on developing a software for ATM (Automatic Teller Machine) with advanced features in simple C language
- **DESIGNED AIR CONTROL TRAFFIC SOFTWARE:**
  Worked under **Dr.Gaurav Harit** (Assistant Prof. at IIT JODHPUR) on developing a software on air traffic control in python using multi-threading and socket programming concepts

EXTRA CIRCULLAR ACTIVITIES

- Elected as Students representative (Senator) in the year 2013
- IIT jodhpur Chess Team Captain
- Assistant coordinator of security team in IGNUS-2013(college fest)
- Member of hockey team
- Actively anchored and participated in various cultural and technical events at School and college level.

PERSONAL DETAILS

Name:	Rohith Yeravothula
Sex:	male
Date of Birth:	12/03/1994
Father's Name:	Mr.Shankaraiah
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