

Rachit Rajat

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY TRICHY

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

2014 - 2018 | Tiruchirappalli, India
Cum. GPA: 9.09/10

CITY MONTESSORI SCHOOL

Grad. 2012 | Lucknow, India
97.2% Mark Aggregate in Class 12

LINKS

Github:// **Kintoki-74**

LinkedIn:// **rachit**

HackerRank:// **Kintoki**

UNDERGRADUATE

Design and Analysis on Algorithms
Operating Systems
Computer Architecture
Database Management Systems
Discrete Mathematics
Probability Theory
Combinatorics and Graph Theory
Theory of Computation
Internetworking Protocols

SKILLS

APPLICATION DEVELOPMENT

Using Android Studio and Visual Studio

PROGRAMMING

Java • C# • C • Racket

Scala • F# • Python • \LaTeX

Familiar:

HTML5 • CSS • MySQL • Powershell • JavaScript

EXPERIENCE

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI |

RESEARCH INTERN

August 2016 - | Trichy

- Involves compiler optimization of the code generated by the middleware of LLVM compilers.

INDIAN INSTITUTE OF TECHNOLOGY KANPUR | RESEARCH INTERN

May 2016 – July 2016 | Kanpur

- Worked on an open problem given in Cristian S. Calude's paper "Finite-State Complexity and Randomness". The objective was to test whether there exists a string x_n such that a minimal description of x_n uses a transducer with exactly n states.

PRAGYAN | EVENT MANAGER

August 2015 – July 2016 | National Institute of Technology, Tiruchirappalli

- Event manager of Game Development event of Pragyan, the annual international Techno-Management Festival of NIT, Trichy.

PROJECTS

SNAKES | GAME USING RACKET

A simple snake game using racket programming language.

IMPLEMENTATION OF REACTIVE PROGRAMMING IN RACKET | INTERN

May 2016 – July 2016 | IIT Kanpur, Kanpur

Worked on the implementation of reactive programming using racket. Reactive programming is programming with asynchronous data streams.

GET-MED | ANDROID APPLICATION SUBMITTED DURING GOOGLE STARTUP WEEKEND

An android app which finds the nearest medical store where you can find the given medicine.

TANKS | GAME USING UNITY3D

A highly tweakable world of tanks sort of game using Unity3d for our multimedia course project.

ACHIEVEMENTS

AIEEE Under 2000 Scholarship for being in **top 2000** All India Rank Holders in Engineering Stream

Govt. of India Scholarship 2013 for being in "**Top 1 %**" Merit List of ISC Examination-2013"

Top 10 in India in Physics, Chemistry, Mathematics and Computer Science with 396 out of 400 in Higher Secondary certificate examination.