

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

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.