Rahul Bangar

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EDUCATION

NIT-TIRUCHIRAPPALLI
Tiruchirappalli, Tamil Nadu, India
B.Tech. in Computer Science
Expected May 2024
Cum. GPA: 7.33/10

SARASWATI PUBLIC SCHOOL
Naguran, Jind, Haryana, India
Non-Medical
Grad. May 2020
Std XII: 83.4%

JAWAHAR LAL NEHRU HIGH SCHOOL
Jind, Haryana, India
Grad. May 2018
Std X: 91.2%

LINKS

Github:// Rahul Bangar
LinkedIn:// Rahul Bangar
Portfolio:// Rahul Bangar

COURSEWORK

UNDERGRADUATE
Data Structures
Database Systems
Operating Systems
Computer Networks
Computer Organization
Cryptography

SKILLS

TECHNICAL SKILLS
Programming Languages:
•C •C++ • Python
Web Development:
• HTML • CSS • Javascript
• MySQL
Other Tools:
• Microsoft Office • Blender
• Unity • VS Code

EXPERIENCE

ACCENTURE | Advanced App Engineering Analyst
June 2023 – August 2023

VORTEX | Publicity Coordinator
November 2021 - Present | NIT Trichy

- Worked in Vortex'22, and Vortex'23 which is the Annual National-level Technological Symposium of the CSE department.
- Worked closely with the team in increasing and transcending the hype & reach of the fest to various colleges throughout India.

PROJECTS

CARDS GAME | May 2022

- Built a console-based card game using Python that lets the user Play against three computer based opponents.
- Designed it in a way that the person with the highest card value wins for a single pass and the rule of the game is similar to that in the real world.

ARITHMETIC CALCULATOR | January 2023

- Developed an arithmetic calculator using HTML, CSS, and JavaScript.
- Created a user-friendly and visually appealing interface for the calculator using HTML and CSS.
- Implemented JavaScript to add functionality to the calculator, allowing users to perform basic arithmetic operations.
- Utilized event listeners to detect user input and perform the appropriate arithmetic operation, resulting in accurate results.

MPQUAD IN TCP (MULTI-PATH QUAD PROTOCO | November 2022

- Developed and implemented MPQuad, a novel protocol for multi-path communication in TCP.
- Authored an IEEE-approved research paper titled "mpQUAD: Multipath Quad TCP Congestion Control in FANETs" on MPQuad.
- Presented project findings at 3rd International Conference on Advances in Computing, Communication, Embedded and Secure Systems (ACCESS) in 2023, highlighting the protocol's potential for improving network efficiency and reliability.

MINI C COMPILER | November 2022

- Simulation of the front-end and back-end phase of a C compiler involving the If-Else, While and nested If-Else-While constructs.
- This includes SIX phases of a compiler:
  •Lexical Analysis •Syntactic Analysis •Semantic Analysis •Intermediate Code Generation •Machine Independent Code Optimization •Assembly Code Generation