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 - July 2023

• Worked on a project focused on identifying and addressing security vulnerabilities in SAP systems.

PROJECTS

MPQUAD IN TCP (MULTI-PATH QUAD PROTOCOL) | Nov. 2022 GitHub Link

- Developed and implemented MPQuad, a novel protocol for multi-path communication in TCP.
- 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 | APRIL 2023

GitHub Link

- 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

USER LOGIN WEB-PAGE | APRIL 2023

GitHub Link

- Developed a user-login web-page using HTML, CSS, and JavaScript.
- The application allows users to create an account by providing their name, age, gender, email, and password.
- It also enables users to securely log in using their registered email and password.
- The user details are stored in a SQL Server database to ensure data persistence and security.

ARITHMETIC CALCULATOR | JANUARY 2023 GitHub Link

- Developed an arithmetic calculator using HTML, CSS, and JavaScript.
- Implemented JavaScript to add functionality to the calculator, allowing users to perform basic arithmetic operations.

ACHIEVEMENTS

Certificate

 Authored an IEEE-approved research paper titled "mpQUAD: Multipath Quad TCP Congestion Control in FANETs" on MPQuad.