

# Riya Dadhich

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## EXPERIENCE

- **Software Development Engineer** **American Express**  
*Gurugram, HR* *Oct'21 – Present*
  - The only selected student out of the whole 2021 placement batch (500+ students).
  - Working in the Automated testing and DevOps team.
- **Software Engineering Intern** **Aunico Pvt. Ltd.**  
*Jaipur, RJ* *June'19 – July'19*
  - Worked on a line following Robot using Arduino.

## EDUCATION

- **Government Women Engineering College, Ajmer** Rajasthan, India  
*Bachelor of Technology in Computer Science; Hons.* *July 2017 – Sept. 2021*

## PROJECTS

- **Decentralized Blockchain** Jan'20
  - Created an API for decentralized blockchain prototype using **JavaScript**
  - Features a consensus algorithm (longest chain algorithm) to verify the network nodes have valid data, a broadcasting system to keep the data across network nodes synchronized.
- **ANTON: Remote Administration tool** Sep'19
  - Developed exploit modules to steal saved credentials from Google Chrome.
  - Local database, decryption engine using Windows API Crypt Unprotect Data and encrypted transfer over HTTP/TCP reverse shells, achieved 1/66 detection ratio from Virus Total.
- **Line follower Robot** July'19
  - To run the line follower code Arduino algorithm is used.
  - The extension used in this code is .ino Platform used to run the code is Arduino.

## ACHIEVEMENTS

- **Flipkart Girls Who Code (GWC) 3.0:** One of the 200 participants selected out of 5000+ girls.
- **Government Women Engineering College:** VIII Semester College Topper (95%).

## POSITIONS OF RESPONSIBILITY

- **IIT-Bombay:** Campus Ambassador of E-Cell.
- **IIT-BHU:** Campus Ambassador of Technex Programme.
- **IIT-Bombay:** Leader of Project Tech-fest Sep'19.
- **Smart India Hackathon:** Leader of Project Jan'19.
- **Sub-Head:** In college fest of Certificate committee.
- **Induction programme:** Managing Post.

## SKILLS AND INTERESTS

- **Languages:** C/C++, Java
- **Technologies and Frameworks:** Docker, Git, Arduino,  $\LaTeX$ , Selenium

## CERTIFICATIONS

- **C/C++, Data Structures:** Prepinsta Pvt.ltd.
- **Networking:** Mtnl Mumbai