UJJVAL PATEL

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CAREER OBJECTIVE

Aiming to design innovative software applications and implementing my theoretical knowledge to practical use. Passionate to solve complex problems using Data Structures and Algorithms. Amongst top 2000 programmers in US

EDUCATION

Master of Science | *Computer Science*   Jan. 2021 - Present
Arizona State University   Tempe, AZ

Bachelor of Technology | *Information And Communication Technology*   Aug. 2016 – May 2020
Dhirubhai Ambani Institute of Information and Communication Technology   Gandhinagar, India

WORK EXPERIENCE

Software Engineer   Sep. 2020 – Dec 2020
Samsung Research Institute   Noida, India
- Worked on development and testing of Email Application of Samsung used by millions of users across globe
- Handled integration of 'Compose E-Mail' activity of the Email Application with the latest Android version R (11)

Research And Development Intern   Jan. 2020 – Apr. 2020
Samsung Research Institute   Noida, India
- Proposed integration of NLP translator using Attention Mechanism with Email Application and created trial version for the same.
- Development and testing of Email Application

Summer Research Intern   May 2019 – Jul. 2019
Dhirubhai Ambani Institute of Information and Communication Technology   Gandhinagar, India
- Created a Full Stack Web Application of Shamir's secret sharing scheme which is a cryptography data encryption model.

PROJECTS

Chat Application | *Full Stack*   Feb. 2021 - Present
Link
- React Chat Application. With online statuses, great design and functionality, icons telling you who read the message, image support, sound notifications, the ability to create multiple rooms, etc.

Teacher's Automatic Timetable | *Full Stack*   Jan. 2019 - Mar. 2019
Link
- Project lead of team as we created a web application for an automated system to generate the timetable based on the preferences provided by teachers.
- Designed an algorithm that generates the timetable based on preferences of teachers for different years, keeping in mind the available slots.

SKILLS

Programming: Android Development, C++, Python, Java, Git, Matlab, Shell
Web Technologies: ReactJs, NodeJs, ExpressJs, HTML5, CSS, Web Sockets, PUG Template Engine, Jquery, Ajax
Data Management: MySQL, MongoDB