

RUCHI PATEL

OBJECTIVE To succeed in an environment of growth and excellence through hard work, research, skills, and perseverance by which I can enhance my knowledge and experience which can be beneficial at both Personal as well as Organizational level.

SKILLS

Primary: Docking, Bioinformatics Tools, NGS Data analysis, Transcriptomic Analysis, Drug designing, PCR Techniques, LC-MS Techniques, Health tool analysis

Secondary: Designing- HTML, CSS

Languages- C#, Java

Project Management: Agile Development

Tools: MS Word, MS Power Point, MS Excel

Bioinformatics tools- Neuroglancer, Blast2GO, Discovery studio, AutoDock Tool, FastQC, Trinity, Trimmomatic

Programming tool- Visual Studio Code

Health tools- SAS server, Iguana, SNOMED-CT browser

Databases: MySQL, NCBI

Version Control: Git

Operating System: Windows, Linux

EDUCATION

ADVANCE DIPLOMA IN HEALTH INFORMATICS TECHNOLOGY (CENTENNIAL COLLEGE)
PURSUING FROM JANUARY 2022

MASTER OF SCIENCE IN BIOINFORMATICS (IICISST-SARDAR PATEL UNIVERSITY)
Passing Year: 2020
Aggregate: 8 CGPA

BACHELOR OF SCIENCE IN BIOINFORMATICS (N.V PATEL COLLEGE OF PURE AND APPLIED SCIENCES)
Passing Year: 2018
Aggregate: 8.07 CGPA

HIGHER SECONDARY SCHOOL CERTIFICATE (12TH GHSEB)
Passing Year: 2015
Aggregate: 63.8%

SECONDARY SCHOOL CERTIFICATE (10TH GSEB)
Passing Year: 2013
Aggregate: 81%

EXPERIENCE

Borek IT Solutions, Vadodara — Proofreader
August - 2021-October-2021

- I was working on Mouse brain project where my work is that I need to proofread mouse brain neurons with online tool Neuroglancer, so I am the initial proofreader at that project.

DISERTATION
WORK OR
PROJECTS,

Natubhai V. Patel College of Pure and Applied Sciences (CVM)

- Specification: In-silico transcriptomic analysis and molecular docking of Andrographin, Atropine and Marmin as inhibitors of snake venom.
- Find the inhibitors against snake bite and check the ligand -complex bond between snake venom proteins and chemical molecules. Also dock the final molecule using AutoDock Tool.

INTERNSHIP

Sat kaival Hospital Pvt.Ltd.15 May 2019-15 June 2019

(Under Summer Internship programme by GSBTM,DoST,GoG)

- Specification: Molecular Diagnostics and PGM Sequencing Using PCR techniques

ACHIEVEMENTS
&
CERTIFICATIONS

University Gold medalist in B.Sc Bioinformatics at Sardar Patel University
(2016-2017)

Academic Excellence Prize 2017-2018 –N. V Patel College of Pure and applied sciences
(2017-2018)

**Oral presentation in National Conference on “Novel trends and
Pure and applied biological sciences” (Jan-2020)**

PERSONAL
INFORMATION

NAME: Ruchi Patel

LANGUAGES KNOWN: English, Hindi, Gujarati