

ANTO SUJIN J

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PROFESSIONAL SUMMARY

To be associated in a reputed organization in which I can contribute my knowledge and skills that dynamically works Towards the growth of organization.

EDUCATION

SATHYABAMA UNIVERSITY, CHENNAI—*Msc*
BIOINFORMATICS AND DATASCIENCE -68%
2022 - 2024

SCOTT CHRISTIAN COLLEGE, NAGERCOIL—*Bsc*
COMPUTER SCIENCE-61%
2018 -2021

D.V.D HIGHER SECONDARY SCHOOL, NAGERCOIL-69%
2016-2018

ST.XAVIER'S HIGH SCHOOL, NAGERCOIL-95%
2006-2016

PROJECTS

Mining TCGA database for genes associated in colon cancer

Employed Python and R programming languages to analyze gene expression data from the TCGA database. Utilized bioinformatics libraries (e.g., pandas, numpy, scipy) for data preprocessing, statistical analysis, and visualization. Conducted differential gene expression analysis using methods like t-tests and DESeq2. Annotated identified genes with functional information from GO and KEGG databases. Performed pathway enrichment analysis using tools like GSEA. Evaluated the prognostic significance of genes using survival analysis techniques.

SKILLS

HTML : Semantic HTML5, Form Handling, Accessibility (ARIA), SEO Best Practices, Media Embedding.

CSS : Responsive Design, CSS Grid & Flexbox, Animations & Transitions, Frameworks (Bootstrap).

JavaScript : ES6+ Features (Arrow Functions, Promises, Async/Await), DOM Manipulation, Event Handling, Fetch API & Axios, JSON, Modular Programming (Import/Export), Error Handling, JavaScript Frameworks (React.js), State Management (Redux).

React.js : Component-Based Architecture, Functional Components & Hooks ,State Management (Redux), Routing (React Router).

Python Basics :Strong understanding of Python syntax, data types, control flow, and object-oriented programming concepts.

LANGUAGES

Tamil
English
Malayalam