

AMYSOJ J A EXSON JOSEPH

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EDUCATION

St. Peter's College of Engineering and Technology, Chennai - **B.E Computer Science**

JUL 2019 - JUN 2023

SKILLS

Computational Chemistry	GROMACS, AutoDock Vina, Chimera, PyMOL, Open Babel, CHARMM, Grace
AI/ML	Hugging Face, Pandas, NumPy, Matplotlib, Scikit-learn, ChromaDB, Gemini, Langchain
Programming Languages	Python, R, JavaScript
Web Development	HTML, CSS, Node.js, React.js, Next.js, Django, Node.js
Databases	MySQL, PostgreSQL, MongoDB
Other	Docker, AWS, Excel

PROJECTS

1. PCOS(**Polycystic Ovary Syndrome**) Detection Application
2. Exploring the Potential Role of **Caesalpinia Bonduc Seed** Extract for the Treatment of **Polycystic Ovary Syndrome**
3. Exploring the Structural functional relationship of **Pain Sodium Channel** Function with **Marine Conotoxins**.

CONFERENCES

- Symposium on Accelerating Biology 2023: "Discovery to Delivery" - **C-DAC** FEB,2023
- National symposium: "BioKemiz 2k23" **SPCET** APR,2023
- National conference: MSMHESD'23 - **SIMATS** APR,2023

PERSONAL INFORMATION

Sex	Male
Date of Birth	07 DEC 2000
Marital Status	Single
Languages	English, Tamil, Hindi, Malayalam