

Akshatha G

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Objective:

To reach a position of eminence in the industry through working on projects related to emerging technologies for the future and continuously upgrading my skills. With my abilities and skills, I aspire to contribute to the organization to my level best for the symbiotic growth of the organization and self.

Education:

George Mason University in Bioinformatics and computational Biology

Visvesvaraya Technological University, Belgaum, Karnataka, India

Bachelor of Engineering in Biotechnology

CGPA-8.39

TOEFL Score: 89 (Speaking: 24, Writing: 22, Reading: 18, Listening: 25)

Projects

“Effect of computationally synthesized probable drugs on beta toxin of Clostridium perfringens”.

- I worked on the bioinformatics tools which help us to develop new possible drugs to the disease Gas gangrene.
- I worked on some of the bioinformatics tools like modeller to develop the possible protein structures.

“Determination of structure and function of cancer causing mutated proteins”.

- *In silico* approach to determine the structure, functional relation, unfolding mechanism and dominant movement analysis of mutated p16 (INK 4A) inhibitors with its partners CDK4/6.
- I worked on Bioinformatics tools like “gromacs” and Accelry’s discovery Studio 4.0. This tool helps us to model a protein approximately and check its properties.

Other Skills and Activities

- Excellent verbal and written communication skills.
- Motivated for Self Learning through online courses.
- Social service: Went to orphanage every month and spend a quality time with children over there teaching.