Shivam Kumaar Arya

Roll Number : 180123044
B.Tech - Mathematics and Computing
Indian Institute of Technology Guwahati

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Education

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Guwahati	7.69 (Current)	2018 - Present
Senior secondary	CBSE board	89.6%	2018
Secondary	CBSE board	10.0	2016

Projects

- **Portfolio Website** *Apr 2020*
  Independent Project
  github.com/zeproffesor/portfolio(https://github.com/zeproffesor/portfolio)
  Designed a fully functional portfolio website with both front end and back end functionalities.

- **Euclidean Algorithms in integral domains other than** $\mathbb{Z}$ *Ongoing*
  Dr. K.V. Krishna, Professor, Dept. of Mathematics, IIT Guwahati
  Studied existence and application of Euclid's algorithm's counterparts in various integral domains

Technical skills

- **Programming languages :** C, C++, Python
- **Web technologies :** Django, Bootstrap
- **Database management :** mySQL, postgreSQL
- **Miscellaneous :** TensorFlow*
- **Operating system :** Windows, Ubuntu, Kali*

  * Elementary proficiency

Key courses taken

- Probability Theory and Random Processes
- Data Structures
- Data Structures Lab
- Design and Analysis of Algorithms*
- Computer Organisation and Architecture *
- Database Management Systems*

  * To be completed in May 2020

Achievements

- **Joint Entrance Examination (Advance) 2018 :** Secured All India Rank 1016 among 200 thousand candidates appearing for the test.

- **Joint Entrance Examination (Mains) 2018:** Secured All India Rank 1016 among 1.2 million candidates appearing for the test.

- **Indian National Chemistry Olympiad 2014 :** Qualified for the national stage.

Extracurriculars

- Tenured as a **Corporate Relations and Marketing Executive** for Alcheringa'20 (The annual cultural extravaganza of IIT, Guwahati)