DEEPAK KUMAR MANDAL

Roll Number : 170122014
B.Tech - Chemical Science and Technology
Indian Institute of Technology Guwahati

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Education

Degree/Certificate	Institute/Board	CPI/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Guwahati	6.76/10 (Current)	2017-21
Senior Secondary	Bihar School Examination Board	71.80%	2016
Secondary	Bihar School Examination Board	72.80%	2014

Projects

- **CRSI Conference Website**   April 2020 - June 2020
  Dept. of Chemistry, IIT Guwahati
  - Developed PHP based full-stack conference web app for CRSI NSC-27 and 15th CRSI-RSC Joint Symposium website.
  - Developed the admin portal for the response to edit/delete.
  - Technologies used: Backend - PHP, MySQL; Frontend - HTML, CSS & Bootstrap

- **Fantasy Cricket Game**   July 2020
  Internshala Trainings (course project)   github.com/deepak-mandal/fcg
  - Technologies used: Python, SQLite, PyQt framework
  - Build a Python-based desktop application which is a Fantasy Cricket Game, where we would create a virtual team of real cricket players and score points depending on how the chosen players perform in real life matches.

Technical Skills

- **Programming languages :** Python, C
- **Web technologies :** HTML, CSS, Bootstrap, PHP
- **Database management :** MySQL, SQLite
- **Miscellaneous :** MS Excel, Chemistry, LibreOffice, OOP, GUI/PyQt, pandas, NumPy, Matplotlib
- **Operating system :** Linux, Windows*

*Elementary proficiency

Key Courses Taken

- Introduction to Computing and Lab
- Computational Chemistry (Theory + Lab)
- Computational Physics (Theory + Lab)
- Web Development*
- Programming in Python*
- Data Structures and Algorithms*
- Certified Python Marketing Analytics (CPMA)*

*Online course

Achievements

- **Joint Entrance Examination 2017 :** Qualified JEE(Adv) among 0.15+ million candidates appearing for the test.