Govinda Totla

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OBJECTIVE

- Computer Science junior undergraduate seeking challenging job opportunities in software engineering to utilise my problem solving skills and to enhance them.

EDUCATION

Indian Institute of Technology (BHU), Varanasi   **July 2016 – Present**

- B. Tech. in Computer Science and Engineering (Current CGPA: 8.77)

Semester	I	II	III
SGPA	8.61	8.75	8.95
YGPA	8.67		-

Garima Vidhya Vihar   **2016**

- All India Senior School Certificate Examination (Percentage: 89.80%)

Chameli Devi Public School   **2014**

- All India Secondary School Examination (CGPA: 9.8)

SKILLS AND INTERESTS

- Languages: C++, C, Python, HTML, CSS, SQL(basic), Bash scripting(basic)
- Technologies: Django, Git(basic), LaTeX
- Areas of Interest: Data Structures, Algorithms, Development using API's.

PROJECTS

Trading agent model based on reinforcement learning and bootstrapping   **January 2018 - Present**

Exploratory Project : Guided by Dr.S.K.Singh

- Building a trading agent model based on reinforcement learning for cryptocurrency. Plan to compare the results by a similar model based on supervised learning algorithms.
- Exposure: Python libraries- Sklearn, Numpy, Matplotlib, Seaborn, Pandas; Machine Learning Algorithms

Institute Election Portal   **August-November 2017**

Course Project : Guided by Dr.Amrita Chaturvedi (ITW-02)

- The election portal is an end to end web application with Material design to automate election procedures including nominations, voting and results.
- Exposure : Python, Django, SQL

Range Queries and Data Structures

Course Project: Guided by Dr S.K Singh   **April 2017**

- Implemented various data structures and algorithms like Segment tree, Fenwick tree, sparse table etc. for range queries and compared them on the basis of time and memory complexity.
  Exposure: C++, Data structures

ACHIEVEMENTS / EXTRA CURRICULAR ACTIVITIES

Competitive Programming :

- Qualified for **ACM ICPC Gwalior Regionals 2017**, ranked **32nd**/601 teams.(Team of 3)
- Selected in **Top 30** teams in GS Quantify 2017, a flagship coding contest organized by Goldman Sachs.
- Ranked **India 3rd** in **Hello 2018**, on **Codeforces** amongst **5837** participants.
- Ranked **9th** in **Codeforces Educational Round 33,** amongst **3667** participants.
- Ranked **1st** in IIT BHU in **International Coding Marathon 2018**.
- Ranked **India 9th** in **AIM Tech Round 4,** amongst **3361** participants.
- Ranked **India 7th, 12th, 13th in Codeforces Round 443, 428, 437** respectively.
- **Highest rated coder** of **IIT(BHU), Varanasi** on **Codeforces (max. rating of 2174) ([Profile]).**
- Ranked **India 35th** in **Codechef February 18 Long Challenge.**
- A maximum rating of **2247 (6*)** in **Codechef [(Profile)]** .
- Ranked **India 7th, 8th** in **Hackerearth's** October easy, November easy respectively.

Academics:
- Qualified **JEE-Advanced** exam with a rank of **687** amongst **0.15 million** aspirants, which were selected through **JEE-Mains** from about **1.4 million** candidates.
- Qualified State-Level **NTSE (National Talent Search Examination)**.

Extra Curricular:
- Placed **1st** in **ICPC Team Logo Challenge,** a logo making competition organized by **ICPC** and **Codechef**.
- Represented the school in several speaking art competitions including **Debating** and **Extemporary.**
- Selected for Interview in **Quriosity'16,** a reasoning and communication skill competition organized under **Shilp,** a festival of Civil Eng Society of IIT(BHU), Varanasi.

POSITIONS OF RESPONSIBILITY

- **Convenor, Competitive Programming Group, Club of Programmers-IIT(BHU).** Responsibilities include **managing** and **holding** of all **programming activities** related to **Competitive Programming** (workshops, events, competitions) throughout the institute all over the year and spreading the programming culture.
- **Co-coordinator** of the event **CodeStart** under **CodeFest'17.**
- **Coordinator** of various programming competitions including **NP Compete 2017, and CPG selection test** for freshmen.
- Have been an **active problem setter** and held many **workshops** on **sport programming** under the Club Of Programmers.

PERSONAL INFORMATION

- Father: Lt. Suresh Totla
- Gender: Male
- Nationality: Indian
- Address: 314/5 Malhargunj, Indore-452002, Madhya Pradeh.

- Mother : Rajlata Totla
- Date of Birth: 17/08/1998
- Languages: English, Hindi