Tulika Mishra

D Block,H no 67,F-2,Kishan Dham 2 Apartment,Kanpur,India-208013

📱 (+91) 8795935016 | ✉ tulika.mishra.cse19@itbhu.ac.in | Codeforces : _kira_1008

Skills

Languages	Python, C, C++, SQL, Java
Tools and Frameworks	HTML, CSS, Bootstrap,Vue js, Android SDK, Django, Firebase,Spring Boot,Spring Security

Education

IIT-BHU(Indian Institute of Technology (BHU) *Varanasi,India*

B.TECH. IN COMPUTER SCIENCE AND ENGINEERING *July 2019 - PRESENT*

- Cumulative Performance Index,CPI-**9.36**/10

Dr. Virendra Swarup Education Centre *Kanpur,India*

CENTRAL BOARD OF SECONDARY EDUCATION-CLASS 10TH *2017*

- CGPA -10/10

Dr. Virendra Swarup Education Centre *Kanpur,India*

CENTRAL BOARD OF SECONDARY EDUCATION-CLASS 12TH *2019*

- Percentage - 93.2%

Internship

Google India

STEP INTERN *May 2021 - July 2021*

- Created a framework to test different heuristic models and compute relevant metrics for them in order to find the most suitable heuristics aiming to detect frauds in Google Ads.
- Created tools to calculate metrics for different rules to improve risk detection.
- Defined various heuristics to find the most efficient rule for risk detection in Ads.
- Created datasets for testing different heuristics resulting in improvement of risk models.

Projects

Garg Classes (Coaching Management Web App) *Varanasi,India*

MENTOR:DR. RAVINDRANATH CHOWDARY *Aug 2021-Nov 2021*

- Developed a web application for management of a Coaching Institution using Spring Boot framework with MySQL as database
- Used Spring Security for authentication and access-control
- **Technologies Used** : CSS,Bootstrap,HTML,Spring Boot,Spring Security,MySQL

IIT-BHU Help App *Varanasi,India*

MENTOR : DR. S.K SINGH AND DR. AMRITA CHATURVEDI *Aug 2020-Nov 2020*

- Developed an eCommerce web and android application for sale and purchase of various items required by students in college using Django and Android SDK with Firebase as database.
- Implemented features like User authentication,filtering on categories, cart etc.
- **Technologies Used** : Firebase, Android SDK, HTML, CSS, Bootstrap, Django, Javascript

Achievements and Awards

2021	**Google STEP Intern**,	Selected among top 65 participants in the country
2021	**DESIS Ascend Fellow**,	Selected among top 40 participants in the country in the Senihers category
2021	**Uber She++ Fellow**,	Selected among top 75 participants in the country
2020	**ACM ICPC Regionalist**,	among top 700 teams in the country
2021	**All India Rank 2**,	in CodeQueen 2021 conducted by IIIT Allahabad
2021	**Global Rank 452**,	in Google Kickstart 2021 Round G
2021	**Codeforces Expert**,	Max rating 1796
2019	**All India Rank 2493**,	in JEE-Advanced 2019 among more than 170,000 short-listed candidates
2017	**Recipient of UPSTSE Scholarship**,	awarded to top 1000 candidates

Extra Curriculars

- **Core Team Member** at Codefest 2022- Annual technical fest of Department of Computer Science and Engineering IIT-BHU
- **Problem Setter and tester** at CPG Selection Test 2021 - An algorithmic contest for the selection of freshers into the Competitive Programming Club of COPS
- **CPG Mentor** - Acted as mentor to a group of around 50 first years

- Represented IIT-BHU from **Indian Music Club** at **Anwesha'20 IIT Patna**
- Represented IIT-BHU at **Spardha(Sports Fest)** IIT-BHU as part of **Chess team**