

AMAN SHARMA

Junior, Indian Institute of Technology Roorkee

@ asharma@mt.iitr.ac.in

+91-7302202105

<https://github.com/algomaster99>

in <https://linkedin.com/in/aman-sharma606/>

EDUCATION

Indian Institute of Technology, Roorkee

July 2017 – Present

- Materials Engineering
- CGPA : 7.557/10

Amity International School, Noida

April 2013 - March 2017

- Sr. Secondary Education, Central Board of Secondary Education (CBSE)
- Class XII Percentage : 91.8
- Class X CGPA : 10/10

SOCIETIES & MEMBERSHIPS

Project Leader at Information Management Group, IIT Roorkee

January 2018 - Present

- IMG is a group of students that constantly strive to lead in the innovation, development and maintenance of advanced information technologies including computer systems, software and database systems.

WORK EXPERIENCE

Iterative.ai

October 2019 - November 2019

- Working as remote intern for Iterative.ai, a San Francisco based company, to develop its open-source command line tool called DVC.
- I also make changes to their documentation hosted at <https://dvc.org/> to keep it updated with the new features in DVC tool.

Google Summer of Code

May 2019 - August 2019

- Worked as a remote intern for The Vega Project at the University of Washington to develop a back-end service, add new features in front-end and polish its user interface.

ADDITIONAL COURSES

- Design and Analysis of Algorithms by *Madhavan Mukund*
- Machine Learning by *Andrew Ng*

ACHIEVEMENTS

- Ranked in top 0.4 percentile in JEE-Advanced 2017 with a rank of 5374.
- Secured 5th place in Syntax Error Hackathon sponsored by HackerEarth, India.
- Secured winning positions in Intra-IIT Aquatic Meet 2019.
- Secured winning positions in Intra-Bhawan badminton and football tournament 2018.

TALKS

Speaker, SciPy India

November 2019

- Spoke about Data Version Control (DVC - a command line tool) and how it can help version data science projects.
- Represented Iterative.ai as a speaker in the conference.

TECHNICAL PROJECTS

Service for Publishing Vega and Vega-Lite visualizations

May 2019 - August 2019

- Project in Google Summer of Code
- A platform for hosting and sharing Vega and Vega-Lite visualizations directly from GitHub gist.
- Integrated into the Vega-Editor so that the user can conveniently make and share the visualization from the same place.
- Tech stack includes Node.js, Express, TypeScript.
- Visit <https://vega.github.io/editor/>.

IMG Website

Dec 2018 - Feb 2019

- Worked as a part of Information Management Group, IIT-R.
- Portfolio for the group which displays information about the members, the blogs they have written and the projects they have worked, contributed to.
- Tech stack includes JS, ReactJS, Redux, Python, Django.
- It is live at https://internet.channeli.in/maintainer_site although some content is yet to be added.

Content Management System

Aug 2018 - Present

- Worked as a part of Information Management Group, IIT-R.
- CMS is a multi-user interface for managing, updating, publishing digital content on IITR's official website.
- Tech stack includes Yii, JavaScript, RabbitMq, Apache2.
- Visit <https://www.iitr.ac.in/>.

SKILLS

- Web :** JavaScript, ReactJS, Redux, Django, Django REST, Django Channels, Websockets, SQL, Yii, Node.js, Express, HTML, CSS
- Computer languages :** Python, JavaScript, TypeScript, PHP, LaTeX, C++, Bash
- Softwares Tools :** VS Code, JetBrains IDEs, Postman, Git Kraken, Jupyter, Docker, UFW, Git, Linux shell utilities, Vim, Pandas, NumPy, Matplotlib
- Languages :** English, Hindi

REFERENCES

Dominik Moritz

Assistant Professor

Carnegie Mellon University

domoritz@cs.washington.edu