Chirag Bhandakkar

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Personal Profile

A IIIT Nagpur pre-final student who is enrolled in the Computer Science and Engineering programme. Dedicated to software engineering, having two or more years of expertise, and specialising in data structure, algorithms, and machine learning. Searching mostly for Machine Learning, Data Scientist, and Python Development positions.

Education

Indian Institute of Information Technology *Nagpur, India*

B.Tech in Computer Scienceand Engineering *November 2020 - Current*

- **Courses:** Algorithms,Data Structures,Programming in C++, Business intelligence, Learning Skills through Case Studies in Data Science, Computer Networks, DBMS, Digital Logic.

St.George College Sr/Jr. (S.G.C) *Nagpur, India*

HSC 12th *June 2018 - February 2019*

- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths with Computer Science

Dr.Yardy English High School *Umri,Maharashtra, India*

SSC 10th *June 2016 - March 2017*

- Passed with Distinction
- Specialised in Physics, Chemistry, and Maths

University Projects

The Relation between GDP and IMR *Leeds, UK*

University of Leeds *Feb 2022 - Apr 2022*

- Analysing data from 1960 to 2020 and discover patterns in the data that show trends between Gross domestic product per capita, Infant Mortality rate, Literacy Rate, and Industrial Development.
- Study cross-sectional, longitudinal, and among various countries to find variations in trends and get the historical data to back up the change in the trend of our data.
- Specific case studies were traced back to trends seen in the UK and how they affected the GDP and IMR.
- **Technical Skills:** Tableau, Overleaf, LaTeX.
- **Soft Skills:** Time Management, Teamwork, Presentation skills, Report writing.

IPL Analysis *Leeds, UK*

University of Leeds *Nov 2021 - Dec 2021*

- Analysing data from 2008 to 2015 to discover patterns such as trends, correlations, and probabilities.
- Finding the differences between the best teams and players in various fields, as well as their performance on the field and the opponents.
- **Technical Skills:** Python with Pandas, matplotlib, Seaborn.
- **Soft Skills:** Presentation skills, Leadership, Teamwork, Logical Thinking.

Study of the behavior of Serial Killers *Leeds, UK*

University of Leeds *Oct 2021 - Dec 2021*

- Study of serial killers behavior with various motives such as convenience (did not want children or spouse), enjoyment, power, escape, or avoiding arrest.
- Finding patterns in their starting and ending ages (when they are caught) and other factors of killing, as well as how it varies with different motives.
- **Technical Skills:** R with ggplot2, tidyr, R Markdown.
- **Soft Skills:** Report writing, Logical Thinking, Critical Thinking.

Skills

Programming	Python (Pandas, PyTorch, NumPy, Scikit-learn. etc.), R(ggplot2), PHP, C/C++, HTML/CSS, JavaScript, SQL.
Miscellaneous	Linux, Shell (Bash/Zsh), LaTeX(Overleaf/R Markdown), Tableau, Microsoft Office, Firebase, Git.
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation, Engaging Presentation.

Achievements

2019	**319/340**, Graduate Record Examinations (GRE)	*India*
2018	**Elite**, DBMS NPTEL Exam	*India*
2018	**Elite**, C NPTEL Exam	*India*
2019	**Winner**, Smart India Hackathon (SIH)	*India*
2014	**Level 3**, TablaNiketan Exam	*India*
2014	**Level 1**, National Talent Search Exam (NTSE)	*India*

Publications

JOURNAL ARTICLES

Incentive-based resource assignment and regulation for collaborative cloud services in community networks
Amin M Khan, Ümit C. Büyüksahin, Felix Freitag
Journal of Computer and System Sciences 81.8 (Dec. 2015) pp. 1479–1495. 2015

Cloud services in the Guifi.net community network
Mennan Selimi, Amin M Khan, Emmanouil Dimogerontakis, Felix Freitag, Roger Pueyo Centelles
Computer Networks 93.P2 (Dec. 2015) pp. 373–388. 2015

CONFERENCE PROCEEDINGS

Prototyping Incentive-Based Resource Assignment for Clouds in Community Networks
Amin M Khan, Umit Cavus Buyuksahin, Felix Freitag
28th IEEE International Conference on Advanced Information Networking and Applications (AINA 2014), 2014, Victoria, Canada

Interests

Cooking	I love cooking. I am an expert in most Indian-style cooking, enjoy baking and making my own pizza.
Linux	Since 2017, I have been in love with Linux. I recently switched to Mac OS, which feels like a premium of Linux.
Technical Writing	I write descriptive blogs about Linux some of them are on my GitHub and Medium.
Art	I have always enjoyed drawing since I was a child. Recently, I have shifted to digital art mostly on Deviantart.
Video Games	I always had the gaming gene. I mostly play on my phone and occasionally on my switch.
Swimming	I started swimming when I was 12. Going through submerged things while holding my breath was the most exciting part.

Languages

English	Professional proficiency
Hindi	Native proficiency

References available upon request.