Kandarp Kaushik
Male | 23

Professional Experience		
Massive Earth Foundation, Gurugram	**BUSINESS ANALYST AT MASSIVE EARTH FOUNDATION, GURUGRAM** • Working with the Alliance to End of Plastic Waste (AEPW) and partners like the United Nation's Environment Program (UNEP), MoEFCC (Ministry of Environment, Forest and Climate Change), State Government and local community to deploy innovative technology in solving the plastic waste problem of Agra. • Analysing the research based data of geographical mapping of infrastructures, plastic waste hotspots, rivers and drains to provide valuable insights about various hardware and software deployment methods to use plastics using analytical tools and dashboards. • Preparation of financial statements of the new business opportunities.	2020
Internships		
CIMS Hospital, Ahmedabad	**BUSINESS RESEARCH INTERN AT CIMS HOSPITAL, AHMEDABAD** • Case study on the evolving approach of Nurse Case Manager (NCM) at CIMS Hospital, Ahmedabad in a collaboration with IIM Ahmedabad. • Interviewing the experiences of NCMs in the last few years and their corresponding contribution in improving the healthcare services provided to the patients.	2019
IIM Ahmedabad	**RESEARCH ANALYST INTERN AT IIM AHMEDABAD** • Analysing the quality and adequacy of the increasing public-private partnerships in primary healthcare in India. Examining the overall growth patterns and recent advancements of Public-Private partnerships in India. • Healthcare analytics study on "Decision making in everyday medical practice", including the objective to understand the decision making process of medical practitioners and their approach regarding the solution to ethical dilemmas.	2019
Apollo Hospitals, Bhubaneshwar	**BIOMEDICAL ENGINEER INTERN AT APOLLO HOPSITALS ENTERPRISE LTD.** • Dealing with technicians to ensure the feasibility of a medical device in terms of design. • Evaluating prototypes and troubleshooting problems of the computer software to test new medical instruments.	2018
Projects		
Business Plan for new pharmacy start-up for HealthCare at Home	• Prepared a detailed Business Plan for Health Care at Home (HCAH) for the setup of new start up, providing services to pharma companies around chronic and generally high value drugs in the IPS business, mentioning the total addressable market, competitors, therapy areas, products and services to be launched. • Developed a financial profit and loss and cash flow of business with investment required to setup the new business.	2020
Automated Lead Allocation Process	• Completed a Case Study to create an Automated Lead Allocation Process for your Sales team for a B2B SaaS Start-up running a digital marketing campaign, which drives potential clients to its website. On the website, prospective clients see several Call to Action (CTA) items like Requesting for a Demo of the product, Downloading a Report, Filling in a Contact Us form.	2020
Image Processing using Python	• Performed Image Enhancement, Image Transformation, Image Filtering, Histogram, 2D Fourier Transform, High Pass & Low Pass Filtering, Morphological Image Processing Operations on Biomedical images of CT scan, MRI, X-Ray using Jupyter Notebook with Python and Numpy.	2020
Academic Projects		
Hydrophobic coating on Metal surface	**SYNTHESIS OF GRAPHENE OXIDE-PARA-PHENYLENE DIAMINE COATING ON METAL SURFACE USING ELECTROPHORETIC DEPOSITION.** • Involved the synthesis of Graphene Oxide using Modified Hummer's method, followed by characterizations results in order to observe the surface morphology of prepared coating in comparison with Graphene oxide structure to visualize the advancements and developments in the Graphene Oxide structure, which can improve its strength and hydrophobicity.	2019
Paperfuge	• Developed a low-cost, portable, human-powered centrifuge that can achieve high speeds for completing the needs of diagnostics in resource-limited environments, and executing the complex physics of a whirligig tool, for global health applications.	2019
Anti-Diabetic Drug	• Preparation of an Anti-Diabetic drug using Gurmar plant extracts which can control the cravings for food and hence, can help in lowering of sugar level in the blood. • Involved mechanical extraction of plant followed by the addition of candy prepared moulding	2018

Educational Background			
B.Tech (Biomedical Engineering)	National Institute of Technology, Rourkela	**8.34/10**	2020
Class XII	Delhi Public School, Vidyutnagar	**94.80%**	2015
Class X	Children's Academy, Ghaziabad	**10/10**	2013

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Certifications	
● Certificate of Completion in Understanding Financial Statements: Company Position	2020
● Certificate of Completion by Coursera in Specialisation in SAS Visual Business Analytics.	2020
● Certificate of Completion by Coursera in Creating Advanced Reports with SAS Visual Analytics.	2020
● Certificate of Completion by Coursera in Performing Network, Path, and Text Analyses in SAS Visual Analytics.	2020
● Certificate of Completion by Coursera in Using Data for Geographic Mapping and Forecasting in SAS Visual Analytics.	2020
● Certificate of Completion by Coursera in Data Analysis and Reporting in SAS Visual Analytics.	2020
● Certificate of Completion by Coursera in Getting Started with SAS Visual Analytics.	2020
● Certificate of Completion by Coursera in Introduction to Business Analytics: Communicating with Data.	2020
● Certificate of Merit for securing Campus Ambassador Program at Kriger Group.	2019
● Certificate of Completion by Red Hat Enterprise on Ethical Hacking.	2019
● Certificate of Completion for completing Diploma of Computer Technology	2013

Extra-Curricular Activities		
Genesys Club, NIT Rourkela	• Genesys Club is the official technical society of NIT Rourkela. As the chief coordinator of the club, I was responsible for organising various events during technical festival. • The club organised the first school exhibition in NITR, "Beyond the Box", with about 30 schools participating. • We also organised two events, Battlezone and Maze Hunt in one of the largest Technical festivals in Eastern India with a record participation of 600 students at NITR in Nov 2017.	2017-19
Akriti Club, NIT Rourkela	• Akriti Club is the official Literary and Cultural society of NIT Rourkela. I joined the club in my sophomore year. • As a treasurer, it was my responsibility to ensure the smooth money transactions regarding the purchasing of items for the club and conduction of art exhibitions. The club organised the biggest art exhibition in NITR, "RADIANCE" during "Innovision" technical fest in Nov, 2017.	2017-19

Skills	
General Programming skills	C, C++, R, Basic SQL
Software skills	MS Office, AutoCAD, Solid Works, MATLAB, LABVIEW, Jupyter Notebook, SAS Visual Analytics, Tableau
Management skills	Accounting (Balance Sheets and Income Statements), Costing, Economics, Finance

Hobbies	
Hobby	Sketching, Internet Surfing, Movies, Reading novels

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