

ANUSHKA SHUKLA

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EDUCATION

2017 - 2022 Integrated MSc in ECONOMICS
 Indian Institute of Technology, Kharagpur, India
 CGPA: 8.85/10

WORK EXPERIENCE

- **Data Analyst Intern:** Instafinancials, Bangalore
December 2019 - ongoing
 - Working on sentiment analysis of news articles of unlisted/listed companies to find their credibility.
 - Used NLTK, machine Learning models for classification. Also worked on Google Cloud Natural Language Processing API to make a domain specific custom model using Auto ML API.
- **Deep Learning Research Intern:** Institute of Technology and Business (VŠTE), Czech Republic
May 2019 - July 2019
 - Worked on the research paper on Business Value Generators identification using artificial neural network.
 - Prepared the Literature Review and applied Deep learning models on the financial statements of various industries of Czech Republic to predict the EVA value.
- **Open Source Contributor:** Linux Kernel
March 2019 - April 2019
 - Contributed to Linux Kernel.
 - Patch rtl8192e (merged).
- **Teaching Intern (C Language):** Worked with Radiance, a unit of Mantung education Pvt Ltd.
May 2018 - July 2018
 - The work involved teaching students of all standards the basics of programming and C language, designing their course structure, preparing tests and tutorials.
 - The entire course was of one & half month.

PROJECTS

- **Analyzed eye sight persistence using deep learning and connected graphs**
 - Performed literature review of relevant research papers and created an adjacency matrix using python which showed the change in eye persistence from one object to other and then converted it into a directed graph.
 - Using an artificial neural network, predicted the future eye persistence for a particular object.
- **Kharagpur Winter of Code**
 - Contributed in an open source project What-Slot, a web app made in Python to help teh students of IIT Kharagpur in selecting the right additional and breadth courses according to their time table.
 - Worked on the front end of the website in HTML, CSS, JS.
- Constructed Hangman Game using Python.
- **Bloomberg Market Concepts(BMC)**
 - Examined the core concepts of Financial Markets like Economic Indicators, Currencies, Fixed Income, Equities and Portfolio Management.

- Discovered the fundamentals of how economic indicators are published and analyzed and demonstrated how investors and businesses are affected by currency markets and how they manage currency risk.

TECHNICAL SKILLS

Languages	Python, C, C++, HTML, CSS
Libraries & Frameworks	Keras, Tensorflow, Numpy, Pandas, Matplotlib
Software & Tools	Git, Linux, SolidWorks, L ^A T _E X, Microsoft Office, Cplex, Eviews
Others	Machine Learning, Deep Learning, Data Analysis

COURSEWORK

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- | | |
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| <ul style="list-style-type: none"> • Probability and Statistics • Statistics for Economics • Regression and Time Series Modeling ^O • Design and Analysis of Algorithms ^L • Operation Research • Machine Learning ^{M O} | <ul style="list-style-type: none"> • Financial Institutions and markets ^O • Optimization Techniques in Finance ^O • Public Finance and Policy ^O • Programming & Data Structures ^L • Partial Differential Equations • Discrete Mathematics |
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^L - course with a lab component

^M - MOOC

^O - ongoing courses

POSITIONS OF RESPONSIBILITY

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- **Student Member** at [International Relations Cell](#), IIT Kharagpur | *Aug' 18 - Apr' 19*
 - International Relations Cell is a dedicated official student body under the Dean of International Relations in coordination with the Office of International Relations with an objective of bringing IIT Kharagpur on the International Front
 - Semester Away Program (SAP), Semester Exchange Program (SEP) and Foreign Training Program (FTP) are some of the initiatives of International Relations Cell, IIT Kharagpur
 - Conducted the FTP Panel Discussion with a huge turnout of about 500 students
 - **Executive Member** at Kharagpur Open Source Society, IIT Kharagpur | *Mar' 18 - Present*
 - We are a group of Open Source Enthusiasts.
 - KOSS plans to hold events for familiarizing students with, Linux environment, Git Development Workflow, practice Algorithms and Data Structures, besides conducting many workshops.
 - **GES Intern** at Entrepreneurship Cell, IIT Kharagpur | *Aug' 17 - Apr' 18*
 - Entrepreneurship Cell is a student body of IIT Kharagpur, formed in 2006 solely with the purpose of inspiring and guiding start-ups in IIT Kharagpur and to foster an entrepreneurial culture in the campus of IIT Kharagpur. We now play that role on a national scale and have won acclaim across the world.
 - The work included the Responsibility for Publicity and Media campaigns, obtaining participation for the event and printing news articles for spreading awareness of the event.
 - **Student Member** at ShARE, IIT Kharagpur | *Aug' 17 - Apr' 18*
 - Student member of IIT Kharagpur chapter of international student organisation "ShARE Global Student Think Tank".

EXTRA-CURRICULAR ACTIVITIES

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- Basketball - Student member of the Extra Academic Activity NSO Basketball
 - Case Study - Participated in Open IIT Case Study.
 - Participated in Whats the good word in open IIT.
 - Active member of Inter Hall Illumination team.