

ANUSH KUMAR V

Email : anushkumarv3 [at] gmail [dot] com

Education

- **Ramaiah Institute Of Technology, Bengaluru, India** 2015 - 2019
B.E in Information Science and Engineering
CGPA : 9.48

Work Experience

- **J.P.Morgan & Chase** Jan 2019 - present
Software developer
 - o Contributed to a new heuristic-based calculator. It takes into account market parameters and determines the risk associated with multiple clients the firm actively trades with.
 - o Refactored the legacy code responsible for the distribution logic of processing multiple clients at the same time. It helped in reducing the execution time by 4 hours.
 - o Contributed to migrating the codebase from python 2.7 to python 3.6
- **Stride.ai Inc** Jun 2018 - Aug 2018
Summer intern
 - o Developed a data scraping tool using python. It helped in automatically downloading publicly available documents from financial domains and extract key data points.
 - o Tagged data to identify the regions containing tabular data in PDF-based documents. The data helped in training a CNN-based model to extract tabular information.

Publication

- **Anush Kumar, Nihal V. Nayak, Aditya Chandra and Mydhili K. Nair. Study on Unsupervised Statistical Machine Translation for Backtranslation.** *Proceedings of Recent Advances in Natural Language Processing (RANLP 2019), Varna, Bulgaria.* ([link](#))

Projects

- **Tactile Auditory Learning Kit** 2018
 - o Implemented a CNN-based model to extract edges out of images and developed an algorithm to fit appropriate Braille characters along the edges of the image. It helped in printing low-cost tactile graphics.
 - o Developed a GUI to assist in converting a PDF-based textbook into its Braille equivalent.
 - o The project is currently deployed at **Mathru blind school, Bengaluru.**
- **Data Science with Julia - Jupyter notebooks** 2019
 - o Contributed code snippets for an experimental course explaining simple data science concepts using Julia

Technical Talk

- **Hands on Workshop on using Git, Github and Node js** 2018
Conducted a series of workshops to peers and juniors as part of the developer student community.

Awards and Certifications

- **Smart India Hackathon (National level)** 2018
Consolation prize for implementing *Tactile Auditory Learning Kit*
- **ITC info tech codeathon** 2017
Special jury award winners for developing an in-app feedback system using android, express-js, and mongoDB
- **NPTEL** Appeared among the top 5 percent in the completion of **Design And Analysis Of Algorithms** in a nationwide conducted test 2017