Kanishk Bajpai

Hubballi-Dharwad, Karnataka, India

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EDUCATION

Indian Institute of Information Technology Dharwad, KA, IN	**Dec 2020 – Aug 2024**
B.Tech Electronics And Communication Engineering - CPI - 8.25 [2020-Pre]	*Dharwad, India*
Indian Institute of Technology Madras, TN, IN	**May 2021 – Apr 2023**
B.S. Data Science And Application - CGPA - 7.5 [2021-Pre]	*(Remote), India*

TECHNICAL SKILLS

Languages: Python, Java, C, C++, SKLearn, SQLite3, MySQL, NoSQL, Flutter, HTML, CSS, MATLAB, Dart
Developer Tools: VS Code, PyCharm, Intellij Idea Ultimate, Jupyter Notebook, Google Colab, Kaggle
Technologies/Frameworks: Linux, GitHub, Powershell, Git, Django, Shell, Bitbucket

PATENT(S) & PUBLICATION(S)

Method and System For Wireless Network Selection Using Learning Technique
Patent Number(IPI): 202341032915
- Developed a Novel Method for dynamic Network Selection that takes into consideration the networking needs of the concurrently running applications on the device. Our method employs Reinforcement Learning.
- The Provisional Patent has been filed on Intellectual Property India and the Complete Specification is currently being developed. Patent Pending.

PROJECTS

Business Data Management ⬀ | Data Collection(**Primary**), Data Analysis, Data Presentation **May, 2022**

- Collected Data from Stationery Shop (**Primary Collected**) **Data.**
- Preprocessed and applied **Statistical Modelling**
- Recommended on how to **increase the Revenue.**

ML: E-commerce Shopper's Behaviour Understanding ⬀ | Kaggle, Python, SK-Learn **January, 2023**

- Understood the online shopper purchasing pattern through Machine learning.
- Used various ML Algorithms to study the **behavior.**
- Trained various Models with the appropriate parameters

Web Dev: "Grocery Store" ⬀ | Python, Flask, HTML, CSS, JS, Bootstrap, Jinja2, SQLite **May, 2023**

- **RESTful-APIs** for interaction with venues and shows.
- **Admin login & User login, Category & Product Management, Cart Module**
- Ability to handle Managers & Users by Admin.

WORK EXPERIENCE/INTERNSHIPS

Indian Institute of Technology, Madras	**August 2022 – Dec 2022**
Python Lead	*(Remote)Dharwad, India*

- ∗ **"Teaching Python Internship"** for students requiring extra help in Coding with Python.
- ∗ And also conducting **Mock Online Proctored Exams**

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Quantum ML
- Operating Systems
- AI-ML
- Microprocessors & Micro-controllers
- Development
- DBMS
- Statistics & Data Analytics
- Electronics
- Communication
- Sofware Engineering
- Digital Design
- VLSI

EXTRACURRICULAR

National Cadet Corps [NCC] ⬀	**April 2015 – Feb 2017**
	Kanpur Nagar, UP, India

- ∗ Pursued NCC (Air Wing) in my 9th & 10th class. ⬀
- ∗ Attended **Combined Annual Training Camp (CATC-195).** ⬀
- ∗ Won **Gold Medal** for being **"Best-Firer"** of CATC-195.
- ∗ **First International Day of YOGA, 21st June, 2015.** ⬀