KAUSTUBH PANDEY

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EDUCATION

Indian Institute of Information Technology, Sri City		Chittoor, Andhra Pradesh
B.TECH Computer Science and Engineering	*GPA: 8.5*	Aug,2016-Present
Jawahar Vidya Mandir Shayamali		Ranchi, Jharkhand
Senior Secondary	*94.80%*	2016
D.A.V. Public School		Hazaribag, Jharkhand
Senior Secondary	*CGPA : 10*	2014

WORK EXPERIENCE

Bank Of New York Mellon — Chennai, Tamil Nadu
Application Developer Intern — Jan 2020 - Current
- Developing web based application using Angular and Spring boot

Inkers Technology — Bengaluru, Karnataka
C++ Developer Intern — May 2019 | July 2019
- Created a parser to generate code for cpp-taskflow (a parallel processing library) using a Directed Acyclic Graph (DAG) created in graphviz format as input
- Improved the Pytorch support in NCNN (A neural network inference computing framework)

Crimson Insights Technologies Private Ltd. — Remote
Full Stack Developer Intern — Aug 2018 | Nov 2018
- Developed modules for an existing Django web app
- Configured the webapp and made modules to work with MongoDB

Indian Institute of Information Technology, Sri City — Sri City, Chittoor
Teaching Assistant — Sep 2018 | Apr 2019
- Teaching Assistant for a class of more than 70 students

SKILLS

Programming Languages:	Python, C, C++, Java, Javascript
Frameworks and Tools:	Django, Spring Boot, Angular, Lucene, Keras, Pandas
Databases:	MySQL, MongoDB, Firebase

PROJECTS

Real time Eye based Navigation Control — *Deep Learning, Tensorflow*
A real time system that allows a user to give commands to the system by just using eye movement

Lucene News Search — *Java, Lucene*
A News Article Search Engine that uses BM25F ranking algorithm

Plant Nursery — *Django, Sqlite, Django-rest-framework, Python, Javascript*
A website which allows one to monitor and take care of their plants

Telecom Billing System — *C*
A project that demonstrates the use of data structures like binary search tree and trie to store data for a telecom company and perform search operations using trie.

SELF PROJECTS

Digit Recognizer — *Machine Learning, Deep Learning, Kaggle, Keras*
Applied SVM and PCA (along with grid search) to get a score of 0.97314 on Digit Recognizer challenge on Kaggle. Improved the score to **0.99185** by using CNN as classifier

ACHIEVEMENTS

Top 10 in Amdocs HackFest 2019, Pune
Among the top 10 teams out of more than 400 teams selected for the final round

Achieved 4 star rating on Code Chef

Qualified for Facebook Hackercup Round 2
Rank 1663 in Round 1 of Facebook hackercup. Qualified for Round 2

Achieved 5 star in Problem Solving on Hackerrank

Among top 9% in NPAT 2017
Score of 780/800 in NPAT 2017 with Percentile 91%

Secured a 16k rank in IIT jee advanced. 20k rank in jee main.(GEN category)