KAUSTUBH PANDEY

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EDUCATION

Indian Institute of Information Technology, Sri City	Chittoor, Andhra Pradesh
B.TECH Computer Science and Engineering *GPA: 8.6*	Aug,2016-Present
Jawahar Vidya Mandir Shayamali	Ranchi, Jharkhand
Senior Secondary *94.80%*	2016
D.A.V. Public School	Hazaribagh, Jharkhand
Senior Secondary *CGPA : 10*	2014

WORK EXPERIENCE

Bank Of New York Mellon — Chennai, Tamil Nadu
Application Developer Intern — Jan 2020 - Current
- Creating an internal support dashboard using Angular and Spring boot

Inkers Technology — Bangalore, Karnataka
Software Engineer Intern — May 2019 | June 2019
- Improved the Pytorch support in NCNN (A neural network inference computing framework used to run ML models in embedded systems and low power computing devices) which allowed direct compilation of Pytorch code with NCNN.

Crimson Insights Technologies — Remote
Full Stack Developer Intern — Aug 2018 | Nov 2018
- Developed modules for an existing Django web app
- Configured the webapp to work with MongoDB
- Created cron jobs and deployed on AWS EC2

POSITIONS OF RESPONSIBILITY

Problem Setter — Sri City, Chittoor
Elektra 4.0 - A competitive coding contest of IIIT-S — Nov 2019
- Problem setter and tester in Elektra - an annual competitive coding contest organised by programming club of IIIT Sri City

Teaching Assistant — Sri City, Chittoor
IIIT Sri City — Sep 2018 | Apr 2019
- Teaching Assistant for a class of more than 100 students in Signals and Systems

SKILLS

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

PROJECTS

Real time Eye based Navigation Control — *Deep Learning, Tensorflow*
A real time system that allows a user to control the cursor movements on the screen by just using eye movement and click using eye blinks

Lucene News Search — *Java, Lucene*
A News Article Search Engine that uses BM25F ranking algorithm - a state-of-the-art algorithm to rank structured documents

Plant Nursery — *Django, Sqlite, Python, Javascript*
Web app for a smart irrigation system that supports automatic irrigation and displays real time stats using sensors and actuators

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 a rating of 1936 (4 stars) on Code Chef

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 and 20k rank in jee main.(GEN category)