

Pinaki Nath Chowdhury

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Employment History

- June 2018 – **Project Linked Person.** CVPR Unit, Indian Statistical Institute Kolkata. Working on problems related to computer vision and machine learning. Guide: Prof. Umapada Pal (Head and Professor, CVPR Unit ISI Kolkata).
- May 2018 – June 2018 **Full Stack Developer** Egnify Technologies, Hyderabad.
- February 2018 – April 2018 **Full Stack Developer intern.** MyAnatomy Integrations LLP, Bangalore.
- August 2017 – February 2018 **Research Intern.** CSIR - Central Drug Research Institute, Lucknow. Analysing awareness of various disease using web scrapping and machine learning for text classification. Guide: Dr. Sukant Khuranna.
- October 2016 – March 2017 **Python Developer intern.** EduGorilla Community Pvt. Ltd.

Education

- 2014 – 2018 **B.Tech Computer Science and Engineering, Kalyani Government Engineering College, Kalyani, India.**
Final Year Project title: *Analysis and Comparison of Natural Shapes*. DGPA: 8.33

Research Publications

Conference Proceedings

- 1 Hongjian, Z., **Pinaki Nath, C.**, Umapada, P. & Yue, L. (2019). Handwritten numeral string recognition for indian scripts. In *5th asian conference on pattern recognition (ACPR 2019)*.
- 2 Nibal, N., Yash, P., Michal, B., **Pinaki Nath, C.**, Dimosthenis, K., Wafa, K., ... Jean-Marc, O. (2019). Icdar2019 robust reading challenge on multi-lingual scene text detection and recognition – rrc-mlt-2019. In *15th international conference on document analysis and recognition (ICDAR, 2019)*.
- 3 **Pinaki Nath, C.**, Palaiahnakote, S., Raghavendra, R., Umapada, P., Tong, L. & Michael, B. (2019). A new u-net based enhancement model for license plate detection in night and day images. In *5th asian conference on pattern recognition (ACPR 2019)*.

Skills

- Languages **Strong** reading, writing and speaking competencies for English, Bengali, Hindi.
- Coding **Python, C++, C**
- Databases **MongoDB, MysQL, PostgresQL, sQLite, Google Datastore.**
- Web Dev **HTML, CSS, JavaScript, Google Cloud Platform, Heroku.**
- Misc. **GIT, Tensorflow, Pytorch, Scrappy, MERN Stack, GraphQL, Academic research, consultation.**

Miscellaneous Experience

Awards and Achievements

- 2014 **West Bengal Joint Entrance Examination Mains Rank: 960** For admission in premier engineering colleges in West Bengal. Got admits from Jadavpur University, IEST Shibpur, Kalyani Government Engineering College. (Opening rank in Kalyani Government Engineering College)

Certification

- 2017 **Machine Learning** Stanford Online.
Idea Submission Smart India Hackathon
Mobile Application using Android Globsyn skills.
- 2016 **Introduction to Modern Application Development** Indian Institute of Technology, Madras
- 2012 **INSPIRE Internship Science Camp** National Institute of Technology DGP & Department of Science and Technology, Govt. of India

Competitive Coding

- 2018 **Google CodeJam 2018 Qualifying Round** Global Rank: 6767. Solved 2.5 problems out of 4.
- 2017 **CodeChef Snackdown Pre-Elimination Round** Global Rank 729
- 2016 **CodeChef Snackdown Qualified to Pre-Elimination Round**

References

Available on Request