Pallab Kumar Ganguly

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Education

- **Kalyani Government Engineering College** — Kalyani, WB
  B. Tech. in Computer Sc. & Engg.; CGPA:8.53 — *2014 – 2018*
  - Key Courses: Data Structures & Algorithms, Object Oriented Programming, Networking, Operating Systems, Database Management Systems
- **Modern English Academy** — Barrackpore, WB
  Indian School Certificate Examination, CISCE, New Delhi; 94.5% — *2014*
  Indian Certificate of Secondary Education Examination, CISCE; 96.0% — *2012*

Experience

- **Application Developer** — Hyderabad, TS
  Oracle — *March, 2020 – Present*
  - Java application developer working on Oracle Cloud HCM. Technologies used: Core Java, Oracle ADF, SQL, Weblogic.
- **Systems Engineer** — Chennai, TN
  Tata Consultancy Services — *June, 2018 – March, 2020*
  - Java developer in IBM Sterling OMS implementation for major British retailer in a Scrum environment. Worked with Core Java, XML, SQL, Ansible, Bash scripting, IBM WAS, MQ.

Areas of Interest

Algorithms, OOP, Linux, Machine Learning, Computer Vision, Data Analytics

Skills

Technical: Programming Languages: Java, Python, C, Bash Scripting
Frameworks: Bootstrap, Django & Flask, Ansible, Jenkins, Cucumber
Other Sofware: Oracle SQL, MySQL, Git, IBM Sterling, VMWare, OpenCV, LaTeX, GNU Octave

Other Skills: Public Speaking, Team-work, MS Office Suite, Google Docs Suite

Publications & Projects

- **Offline Extraction of Indic Regional Language from Natural Scene Image**
  Selected as part of CICBA 2018 Conference Proceedings — *July 2018*

  Co-author in paper accepted for oral presentation and publication in conference proceedings *"Methodologies and Application Issues of Contemporary Computing Framework"* published by Springer Nature. Proposed a novel method of extracting text from natural scenes based on EAST and LSTM techniques, used tokenizers, to choose words likely to be places. Obtained regional language of places from data provided by the Govt. of India. Translated text then encoded into the image. Please find the link on: Springer.

Undergraduate Project, Kalyani Government Engineering College
Interacting with Software using Gestures — *Jan 2018 – June 2018*
Extracted and analysed live video using a CNN to classify frames into one of several pre-defined gestures, and these classification labels are used to map each gesture into inputs to software. Worked mainly on implementation and fine-tuning of CNN, research on various CNN architectures. Technology stack used: TFLearn framework, with TensorFlow as backend. Please find the link on: GitHub.