

Aritra Roy Gosthipaty

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Portfolio: <https://arig23498.github.io/>

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EXPERIENCE

PyImageSearch

Deep Learning Associate

Responsible for deep learning research.
(<https://pyimagesearch.com>)

Weights and Biases

Contract ML Engineer

Responsible for managing the core SDK of weights and biases.
(<https://github.com/wandb/client>)

RESEARCH

G-SimCLR: Self-Supervised Contrastive Learning with Guided Projection via Pseudo Labelling

An approach to enhance SimCLR by guided projections with autoencoders. The paper is accepted at ICDM 2020 for the Deep Learning for Knowledge Transfer (DLKT) workshop. (<https://arxiv.org/abs/2009.12007>)

PHONOCARDIOGRAM CLASSIFICATION

An algorithm of classification of heart sounds (PCGs) with the help of CNNs. The paper is accepted at ICCE2020. (<https://ieeexplore.ieee.org/abstract/document/9290565>)

SKILLS

TECHNICAL SKILLS

- Languages: Python, Kotlin, Dart
- Frameworks: Tensorflow, Pytorch, Flutter
- Tools: Git, Android Studio, Arduino

SOFT SKILLS

- Leadership- Class Representative, School House Captain.
- Management- IEEE event organiser in college.
- Writing- Blogs.
- Public Speaking- Google Developers Group speaker.

PROJECTS

License Plate Detection

A mobile that can do an OCR on license plates of Indian cars. Collaborated with a Google Developer Expert, Sayak Paul.
(<https://github.com/ariG23498/license-plate-detection>)

GDG DevFest 2019 APP

A mobile application built with Flutter that provides all the information for Google DevFest 2019.
(<https://play.google.com/store/apps/details?id=gdg.devfest19>)

AGE DETECTOR

A mobile application that can detect the age slot of a human. Collaborated with a Google Developer Expert, Sayak Paul.
(https://github.com/ariG23498/Age_Detector_App)

AWARDS AND HONORS

- Finalist in Smart India Hackathon 2019 (Software edition)
- Finalist in TCS Inframind 2020 (DevOps track)
- Quarter Finalist in TCS HumAIIn 2019.

EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE

- B.Tech: Electronics and Communication
2016 - 2020
Avg GPA: 8.87/10.0

THE ASSEMBLY OF GOD CHURCH SCHOOL

- 12th Standard ISC
2015-2016
Percentage: 94.25
- 10th Standard ICSE
2013-2014
Percentage: 93.4