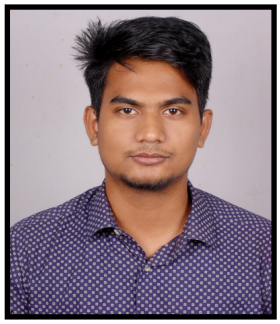
Curriculum vitae

Personal Information

NAME Bishal Ranjan Swain

ADDRESS Plot - 1162/2090, Maruti Village
Khandagiribari , Odisha - 751030



NATIONALITY Indian

DATE OF BIRTH 14 July 1997

GENDER Male

PHONE +91-9776734680, +91-8480227923

EMAIL bishalswain@acm.org
blue.bishal@protonmail.com

GITHUB bluesaiyancodes

LINKEDIN https://www.linkedin.com/in/bishal-swain-1b2740159/

Education

YEAR 2020
QUALIFICATION TO BE AWARDED M.Sc.
PRINCIPAL STUDIES Computer Science
CGPA 9.36 of 10
INSTITUTION Pondicherry University

YEAR 2018
QUALIFICATION AWARDED BSC graduate
PRINCIPAL STUDIES Computer Science Hons.
CGPA 8.59 of 10
INSTITUTION College Of Basic Science and Humanities, OUAT

Skills and Competences

LANGUAGE SPOKEN English, Odia
OTHER LANGUAGE(S) Hindi
STRENGTHS Outside the box thinker, Optimist, Strong work ethics, Good Communicational skills (Written and Verbal), Adherence to goal timeline. Organise, plan and prioritise work

SOCIAL SKILLS Attended two National Integration Camps [NSS]
Organiser in Literary Society in CBSH, OUAT

COMPUTER SKILLS C, C++, Java, JS, Python, WEKA, Prolog, HTML, PHP, SQL, Android, GO

TOOLS USED Jupyter Notebook, Octave, Matlab, GrADS, Hadoop, Cassandra, Weka Tools, SWI-Prolog, Android Studio, Netbeans, Processing, PhpMyAdmin, MySql, PyCharm

Curriculum vitae

TECHNOLOGIES INVOLVED IN Cloud and Edge Computing, Machine Learning, Deep Learning, App Development, Web Development, Big Data

EXPERIENCES

- Project Associate at **Indian Institute of Science**, Bangalore
  - Duration - July 2020 - June 2021
- Intern at **National Atmospheric Research Laboratory**, Department of Space, Govt. of India.
  - Duration - 5 Months

PAPER PUBLISHED

- Rise of Fluid Computing: A Collective Effort Of Mist, Fog and Cloud
  - Apr 1, 2019
  - International Journal of Computer Science and Engineering
- Development of 3D conceptual tool for visualising Tropical cyclone products over Bay of Bengal
  - [In Review]

CERTIFICATIONS

- Machine Learning by Stanford University (Coursera – MF3H73NQR2FC)
- Improvising Deep Neural Networks (Coursera - YXWBUM9ZPXZC)
- Convolutional Neural Networks (Coursera - 26VAXY6SMFTE)
- Deep Learning for Business by Yonsei University - (Coursera -CRAAGT6S5HM5)
- Certified Secure Computer User (EC-COUNCIL)
- COMPTIA NETWORK+ (Training at IANT, Date certified – 24-02-2017)
- COMPTIA A+ (Training at IANT, Date certified – 28-01-2017)
- Neural Networks and Deep Learning by deeplearning.ai (Coursera -- EPWWEMVHLK9H)
- Structuring Machine Learning Projects (Coursera - N7AT338G9NP7)
- Sequence Models (Coursera - MBYGYMVTMGNY)
- Docker And Kubernetes: The Complete Guide (Udemy)
- Getting Started with Python by University of Michigan (Coursera – B2R6UP2DTTU4)
- RED HAT CERTIFIED SYSTEM ADMINISTRATOR (Certificate no – 160-107-561)
- STAR certified Professional ETHICAL HACKING EXPERT - R11 (Certificate no - STR18EHE00027175)

ADDITIONAL INFORMATION

- Developed AI powered **attention based COVID19 Dectector** Model.
- Created an android application - "**Sanjeevan**" for COVID19 Analysis which also implements a heuristic algorithm for risk analysis.
- Developed model for **3D Wind Visualisation** using Python and deployed the model using Django.
- Developed a deep learning model using **Transfer learning** for Poetry Generation based on hot words.
- Developed an **Image Classification Model** without using any framework.
- Developed **Face Recognition** Model using TensorFlow.
- Developed an **android application** for Department of Computer Science, College of Basic Science and Humanities, OUAT
- Received **best Paper Presented** in UGC Sponsored NCRAICT - 2019
  - Integrating Mist with Fog and Cloud Computing
    - ISBN - 978-93-5351-635-2
- Developed a **Neural Style Transfer** Application and used **Flask** to deploy it as a web app.
- Developed a **chatbot** communicating in Odia language using Jupyter Notebook.
- Created an Anonymous **Car Detection** Model in TensorFlow.
- Developed an **android application** - "**Safarnama**" that utilises lite Machine Learning tools along with a nosql database in Google Cloud storage space to identify and locate nearby places.

DECLARATION

I solemnly affirm that the above information is true to the best of my knowledge and belief.

BISHAL RANJAN SWAIN

SIGNATURE