

Biswajit Paul

PROFILE SUMMARY

Developer at Tata Consultancy Services, presently working in financial applications (Hyperion) and integration (JCAPS).

Looking for an opportunity to work in Machine Learning (particularly in Deep Learning / Reinforcement Learning).

SKILLS

- **Languages:** Python; Others: Java, C, JavaScript, PL/SQL, HTML/CSS, MATLAB
- **Frameworks:** Keras/Tensorflow
- **Tools:** GIT (Github), Netbeans / VS Code / PyCharm, Jupyter Notebook, GCP

EXPERIENCE

- **Tata Consultancy Services** India
Developer Sep 2016 - Present
 - **Python scripting for FDMEE:** Creating custom scripts using Python (Jython) to load data coming from IFS/QAD to Hyperion applications (Planning/HFM).
 - **Java / JCAPS:** Supporting/working on enhancements for JCAPS interfaces, a JAVA based framework for application integration.
 - **SQL:** Working with Oracle databases – for JCAPS interfaces.
 - **Windows batch scripting:** Automating different Hyperion related processes, e.g., data load, calc script execution, backups for disaster recovery, server/service restart etc.
 - **Hyperion applications:** Working in different Hyperion modules - Planning, Essbase, FDMEE, HFM and MS Smart View.

CERTIFICATIONS

- **Machine Learning¹:** (*Coursera/Stanford; Instructor : AndrewNg*)
Topics: Linear regression, logistic regression, Neural networks, SVM, PCA etc.
- **Deep Learning Specialization²:** (*Coursera/Deeplearning.ai; Instructor : AndrewNg*)
 1. Neural networks and Deep learning
 2. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
 3. Structuring Machine Learning Projects
 4. Convolutional Neural Networks (CNNs)
 5. Sequence Models (NLP)
- **TensorFlow in Practice³:** (*Coursera/Deeplearning.ai; Instructor : LaurenceMoroney, GoogleResearch*)
 1. Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
 2. Convolutional Neural Networks in TensorFlow
 3. Natural Language Processing in TensorFlow
 4. Sequences, Time Series and Prediction
- **Data Engineering, Big Data, and Machine Learning on GCP Specialization⁴:** (*Coursera/Google*)
- **Core Java:** (HP)

PROJECTS

- Building Simple Neural Network From Scratch
- Building Convolutional Neural Network From Scratch and MNIST classification
- Classify Radio Signals from Space using Keras

ACHIEVEMENTS

- Winner of the Presentation Competition in Nanotechnology conference, Host: Techno India
Topic: Future of Graphene in Nanotechnology
- Participated in IETE conference, Host: Techno India
Topic: Wearable Medical Electronics
- TCS - On the spot awards for Project work, Client appreciation

EDUCATION

- **Techno India, Saltlake (West Bengal University of Technology)** India
B.Tech in Electronics and Communications Engineering; GPA: 8.21 2012 - 2016
- **Siliguri Boys' High School (WBCHSE)** India
10+2: Science (Elective: Computer Science); Aggregate: 81.80% 2012
- **Siliguri Boys' High School (WBBSE)** India
10: (Elective: Additional Mathematics); Aggregate: 86.75% 2010

PERSONAL DETAILS

Father's name: Dr. (Prof.) Bikash Chandra Paul

Date of Birth: 30-Jan-1994

Sex: M

Present Address: D333/103 – Shukhobrishti Apartments, Newtown, Kolkata – 700135

REFERENCES

- [1] <https://www.coursera.org/account/accomplishments/certificate/BL6BASG5FWZC>
- [2] <https://www.coursera.org/account/accomplishments/specialization/certificate/TU3PJDNJKDFQ>
- [3] <https://www.coursera.org/account/accomplishments/specialization/certificate/7MGJARTYJH9U>
- [4] <https://www.coursera.org/account/accomplishments/specialization/certificate/YLEBVPZ55TZ>