

Subrata Chowdhury



Objective:

In quest of a challenging position in the organization that offers me generous opportunities to explore and outshine in the field of Computer Science while accomplishing personal, professional as well as organizational goals.

Summary:

- Knowledge of a wide range of effective teaching styles.
- Manage class budget and resources.
- Having a calm, yet assertive style of classroom management.
- Able to devise, write and produce new teaching materials, including audio and visual resources.
- Ability to manage classes well and deal with challenging behavior.
- Encourage others and having a positive outlook.
- Ensuring a safe and secure learning environment for all students.
- Aware of relevant teaching & academic software.
- Making sure the classroom is kept tidy/attractive.
- Managing pupil homework, according to the school policy.
- Supporting & guiding teaching assistants.
- Supporting and supervising educational games, sports and craft activities
- Putting together displays of children's work.
- Providing extra support for children with special educational needs

Certifications Obtained:

1." **Basic Java** "from the **Brainware Instituted** in the year 2010, in Kolkata. The Java is a high-level programming language developed by Sun Microsystems The Java syntax is similar to C++, but is strictly an object-oriented programming language. For example, most Java programs contain classes, which are used to define objects, and methods, which are assigned to individual classes.

2.**Microsoft Certified Azure Developer Associate** validates that you have what it takes to design, build, test, and maintain cloud applications and services on **Azure**.

3.**Amazon Web Services Solutions Architect - Professional** (SAs, as they are known at **AWS**) are responsible for managing an organization's cloud computing **architecture**. ... We formalized these architectural best practices into a framework we call the **AWS Well Architected Framework**.

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Academic Qualifications:

- Ph.D (Viva Waiting) in *Vels university*-Chennai.
- Completed MCA in *VIT-Vellore* (2015)
- Completed BCA in *Punjab Technical University* (2012).

Employment Details:

- Worked in *Wipro Technologies* as a Project engineer (Oct 2015 – April2016)
- Worked in *Exl Techno solution Pvt Ltd* as a Software Developer (July2016-May2017).
- Assistant Professor CSC Dept SVCET AndraPradesh, India. 2021 January (Present.)

Paper Publications

International Conference:

- Presented paper "Defiance and Contention braced in IoT for the Therapeutic Sensor Systems Inquisitions," vol. 8, no. 311, pp. 311–322, 2018,in 3rd International Conference on Multidisciplinary Research (ICMAR-2018), 2018
- Presented a paper on "Analysis of the IoT sensors and networks with big data and sharing the data through cloud platform, in 6th International conference on applied science and engineering and technology (ICASEE-18), 2018
- Presented a paper on "Advancing knowledge on regulating and saving of the animals health with sensor and network through IoT, International Conference on Advances in Signal Processing, Power, Embedded, Soft Computing, Communication and Control Systems(ICSPECS) Kurnool-AP 2019.

Journal Publication:

- S. Chowdhury and P. Mayilvahanan, "A survey on internet of things : privacy with security of sensors and wearable network ip / protocols," vol. 7, pp. 200–205, 2018.

4. **Google Analytics** is a web analytics service offered by Google that tracks and reports website traffic, currently as a platform inside the Google Marketing Platform brand. Google Analytics provides an SDK that allows gathering usage data from iOS and Android app, known as Google Analytics for Mobile Apps.

5. “**NLP Practitioner**” from the **NLP Coaching Academy**-2019, Bangalore. This is the Licensed NLP programmed approved by the American Board of Neuro Linguistic Programming (ABNLP) to practice NLP.

Description about NLP:

NLP stands for Neuro-Linguistic Programming. Neuro refers to your neurology; Linguistic refers to language; programming refers to how that neural language functions. In other words, learning NLP is like learning the language of your own mind. In NLP, we have a saying the conscious mind is the goal setter, and the unconscious mind is the goal getter. Your unconscious mind is not out to get you rather, it's out TO GET FOR YOU whatever you want in life.

6. “**Diploma in Hypnosis**” from the *Business NLP Limited U.K.*, in the year 2019, approved by the American Board of the Hypnotic Therapy, it deals with the model of the techniques to take the person in the trans state and release the subconscious mind full potential.

7. “**Wellness Coach**” from the *NLP Coaching Academy* in the year 2019, this programmed certify professionals who helps people assess their current physical and emotional state, and helps them set goals for what they want to achieve in their overall wellness and health by working with them on plans of action to reach these goals.

Professional Membership Bodies:

- Institution of Electrical and Electronics Engineers (IEEE) – Professional Members applied.
- Institute for Engineering Research and Publication (IFERP) – Professional Members membership Id: 204567809.
- International Associations of Engineers Hongkong (IAENG), Associate membership id: 244304.
- International Managements Research and Technology USA (IMRTC), Professional membership id: IndApp_RT_638299.
- Innovative Research Developers and Publishers (IRDP) Associate Membership id: IRDP/M/055/2019.
- Instituted of Research and Doctors New York, USA (IRED), Associate Membership id: AM 101000583405.
- Teaching and Educations Research Association Singapore (TERA), Life-Time Membership id: TERA-MI9644.
- Bose Science Society Established under TNSRO (BSS), Fellow Membership id: f554/BSS/2019.
- Asia Society of Researchers Shanghai China (ASR), Membership id: R219092970.

Workshops Attended:

1. Participated in the Latex for Professional Writing Workshop on dt.

- H. Jha, S. Chowdhury, and G. Ramya, “Survey on various Scheduling Algorithms,” no. 5, pp. 3–6, 2017.
- Kolla Bhanu Prakash^{5*} Babitha D1 , Mohammed Ismail² , Subrata Chowdhury³ , Ramya Govindaraj⁴” Automated Road Safety Surveillance System using Hybrid CNN-LSTM Approach ”, International Journal of Advanced Trends in Computer Science and Engineering vol.9,pages.1763-1767.
- Subrata Chowdhury⁴ Kolla Bhanu Prakash^{1*} , Sk. Nazeer² , Pradeep Kumar Vadla³ ” Layered Programming Model for Resource Provisioning in Fog Computing using Yet another Fog Simulator ”, International Journal of Emerging Trends in Computer Research,
- Sudhakar Sengan N.Satheesh¹ , Ganga Rama Koteswara Rao² , Subrata Chowdhury³,Kolla Bhanu Prakash⁴” Blockchain - Facilitated IoT Built Cleverer Home with Unrestricted Validation Arrangement ”

.Books Publication:

- “A Simple guide to Emerging and Current technologies in IoT” was published by Blue Rose Publishing House at New Delhi,2018. ISBN: "978-93-88287-61-6"
- “A study guide for the beginners basics of the blockchain” was published by the horizon books publications house at madhypradesh2020. ISBN“978-81-944699-9-5”.
- “E-Learning-Business and E-Management in Contemporary World” was published by the Lambert Academic Publishing Germany LAP 2020. ISBN: “978-620-2-80154” .

National /International Honors/Awards:

- APJ Abdul Kalam Young Investigator Award honors date Aug 1, 2018 honors issuer TNSRO, Bose Science Society honors description. This award has been awarded to Mr. Subrata Chowdhury for his excellent and dedication work in the field of the healthcare related issues, and also for his publication in the international conference and journal papers on the IoT sensor which he is working on it.
- India Independence Awards-2019 for Young Scientist honors date Aug 1, 2019 honors issuer IARDO honors description. This award is been

15th dec.2018 conducted by VIT Vellore.

2. Participated in the Simulation-Driven Innovation for E-Mobility on dt 27th may.2020 conducted by ALTAIR India SRM University.

3. Participated in the Second International Workshops on Fundamental of Machine Learning Over Network on dt.18th-19th may.2020 conducted by the KTH Royal Instituted of Technology, Stockholm, Sweden.

Seminars:

1. One day online seminar on “Current trends and Applications of Artificial Intelligence” on dt 29th may 2020 by the Dept of CSC & CSE in association with Wiley Publications India , RVR & JC College of Engineering.

Symposium Attended:

1. Participated in the “National symposium on emerging areas of research in science, engineering& management” on dt. 15th -16th october2018, Vels University.

Travels Grants:

- IRED travel grant of for attending the conference ICMR conference 2018 and presenting the paper.
- TNSRO Young Scientist Travel Grant for attending the Conference and the Award. The conference held in 2018, and the award function.

Patents:

- Title of the invention “A system of oriented medical insurance prediction with Machine Learning Integrated IoT” Applications no: 201941041623 A, filed and published 2019.
- Title of the invention “Improved Method for Energy Efficient road side Lamp Utilization” Applications no: 202041001118 A, filed and published 2020.
- Title of the invention “A Smart Algorithm for Source Allocations and Self-Management of Wireless Gateway” Applications no: 202021004742 A, filed and published 2020.

Copyright:

- The Copyrights is applied “ADVANCING KNOWLEDGE ON REGULATING AND SAVING OF THE ANIMALS HEALTH WITH SENSOR AND NETWORKS THROUGH IOT” “registered no: L-87842/2019, granted on 2019.
- The Copyrights is “applied APPLICATION FOR SECURE PROGRAMMING LANGUAGE FOR PROTECTING BANKING DATA” registered no: L-87841/2019, granted on 2019.

Project Consultant:

- Inventory management System
Time period: July2019 – Aug 2019

issued to Mr. Subrata Chowdhury for his contribution in the technology and research in the innovation for the betterment of the society.

- Best Young Researcher National Award honors date Aug 1, 2019 honors issuer IRDP honors description The Best young researcher award had been awarded to subrata Chowdhury for his enormous contribution in the field of the research and in the publication of the articles.

- Young Researcher Award honors date Jan 2020 honors issuer I2OR honors description Interdisciplinary Research in the Sustainable Developments of the better society for future generations. It's an initiative to convert society into green energy.

- MTC Global Outstanding Research Scholar-2020 honor date Sep 2020 honor issuer MTC Global Award honor description This award is conferred for the individual credential and achievements in the respective field as recommended by the jury in line with the Award policy.

- **Voluntary Work:**

Editorial committee:

Samvakti Journals

Reviewer Committee Journals:

- Bangladesh Journal of Multidisciplinary Scientific Research.
- Advance in Science Technology and Engineering System Journal. (ASTESJ).
- Journal of Instituted of Scholars (InSc).
- International Journal of Engineering Research & Technology (IJERT).
- International Journal of Research in Informative Science Application & Techniques (ijrisat).
- Inderscience Science Journals.

Technical /Advisory Committee members Conferences:

- <https://icitem.com/outreach-committee.php>
- <https://icrtmdr.com/international-advisory-committee.php>
- <http://miss2021.acors.org/>
- <http://worldscience.com/ncset2021/>

MOOC Courses & Certifications:

- Agile Projects managements 200+ Tools with Kanban Scrum Devops, Issued Aug 2020
- The Complete Personal Development Course, Issued July 2020
- Blockchain Made Easy, Issued Jun 2020
- Cyber Crimes and its Preventive Measures, Issued Jun2020.
- IoT With Phyton, issued Jun2020.
- Learn to Code Python, issued Jun 2020.

- Machine learning Basics: Logistics Regression, LDA&KNN in R, Issued Jun2020.
- The Complete Ethical Hacking Course, Issued Jun2020.
- The Complete Train The Trainer Bootcamp- Beginners- Advanced, Issued Jun2020.
- Ultimate Google Cloud Certifications, Issued Jun2020.

Project description Inventory Management System is a system for the tracking of the inventory levels. This project is the internal company project and it's gives the managing and directly deposition of the bills and the orders from the client to the company directly.

- Online Billing System

Time period: April 2019 – May 2019

Project description This project is a web base application where users is directed instant bills and pay them through online portal vis Credit/ Debit card. The Admin has to feed the system with the customer usages data into respective account days to whom the payment is been done through the portal.

Webinars Online:

- Certificate of appreciation E-Quiz, scored with the 60% on the Artificial intelligence conducted by the Dept of ECE, Mohammed Sathak Engineering College 1/6/2020- 3/6/2020.
- One Day Webinar “Grid Connected and Standalone Microgrid using Homerpro” conducted by the Dept of EEE, Muthyammal Engineering College Institutions 14/5/2020.
- One Day Webinar on the space explorations “Global opportunities in Space time” conducted by the Dept of CSC, Sri Venkateshwara College of Technology 29/5/2020.
- One day Webinar on the “Kick Start your Research work” conducted by the Dept of CSC&CSE, JAIN University 30/5/2020.
- Certificate of appreciation National Level E-Quiz, scored 65% on Biodiversity conducted by the Kongunadu Arts and Science College 25/5/2020.
- Certificate of appreciations successfully completion online Quiz, scored 100% on NBA criteria conducted by the MLR Instituted of Technology 30/5/2020.
- One Day Webinar “Emerging Trends in Ham Radio” conducted by the Dept of ECE, Sri Vasavi College 9/5/2020.
- Certificate of participation “Industry Institution Summit 3.0” organized by the IET Chennai Local Network 30/5/2020.
- One Day Webinar on the “Digital Resources: A new Era in Learning -special reference to NDAL” conducted by the National Digital Library of India sponsored by the MHRD by the PSGR Krishnammal College for Women.
- Certificate of the Completion National Level Quiz on Hardware, Excel, and Word, conducted by the Dept of CSE, Padmabhushan Vasantdada Patil Pratishthan’s College of Engineering 26/5/2020.
- Certificate of participation “MATLAB for Beginners” conducted by the Power Innovative Research Consultancy 4/5/2020.

- Web Development Master Class, Issued Jun2020.

Personal Details:

- Date of Birth: 15-11-1986
- Nationality : Indian
- Marital status: Married
- Area of Interest: Reading, Travelling, Exploring.
- Language’s proficiency: English, Hindi, Bengali(Professional) Tamil, French (Elementary).

- Certificate of the Participation National Level E Quiz conducted by the Indian Servers 28/5/2020.
- A one-day Webinar “Power of a Teacher” conducted by the ICT Academy 4/5/2020.
- One day Webinar “Writing Skills” by the Dept of Science & Humanities, Karpagam Institute of Technology 1th & 4th/5/2020.
- Certificate of Participations National level E Quiz programmed conducted by the Dept of the Biotechnology, Karpagam Academy of Higher Education 5/6/2020.
- One Week Faculty Developments Programme on “Machine Learning” conducted by the Dept of CSC Auxilium College from 1th -7th /6/2020.
- International Webinar on “Recent Trends in Wireless Communications” conducted by the Dept of Electronics & Telecommunications R.C .Patel Instituted of Technology 7/6/2020.
- Three day Faculty developments on “AI and IoT for Medical Applications ” conducted by the Dept of E & CE ,GMR Institute of Technology 8/6/2020 .
- A one day Webinar “Webinar on We Are Stronger Together” conducted by the BVICAM 6/6/2020.
- A one day Webinar on “Future of Machine learning and Artificial Intelligence” conducted by the Dept of IT, MLR Instituted of Technology.6/5/2020.
- One Webinar on “Innovation opportunities in Robotics ,Drone & AI- Post Covid 19 ” conducted by the Dept E&CE, ST. Joseph Institute of Technology,5/6/2020.
- One day webinar on “Introduction to Informatica Power Centre”, conducted by the Dept of CSC&E ,Geethanjali Institute of Science and Technology,5/6/2020.
- Certificate of appreciations E-Quiz of National level scoring 80% ,conducted by the Dept of CSE ,MET Institute of Engineering 3th -6th /6/2020.

Research Links:

Google Scholar:

<https://scholar.google.com/citations?user=CEpGUl0AAAAJ&hl=en&gmla=AJsN-F5vuw19ITJZeDLntMyEyF73Jp-Zldh5HSjFkFEKvTZNe3H-5yczaymZvbctDRx9scfSiTZB6LYPDv4t2fvVIZyBg10cdZI75xjV0nL5FqV MQz1Bc&sciund=545248943108216231>

Researcher Gate:

https://www.researchgate.net/profile/Subrata_Chowdhury5

LinkedIn:

<https://www.linkedin.com/in/subrata-chowdhury-40494492/>

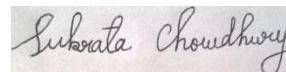
Easy Chair Link: <https://easychair.org/account/account>

I hereby declare that all the above information given by me in the application is true, complete and correct to the best of my knowledge and belief and nothing has been concealed or distorted.

Signature:

Date:

Place: Katpadi

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Subrata Choudhury".