



Joydeep Bhattacharya



CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com

tp05432@mail.apu.edu.my



Kuala Lumpur, Malaysia



<https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/>



<https://github.com/joydeep555/joytechnical.github.io>

TECHNICAL SKILLS

Cluster Analysis



K-Nearest Neighbors



Naive Bayes Classifier



Regression Model



Jupyter (Python)



PostgreSQL and PostGIS



Natural Language Processing



Amazon Web Services



SOFT SKILLS

Leadership



Adaptability



Creativity



Natural Networker



Team Management



JOYDEEP BHATTACHARYA

-Aspiring Data Scientist

CAREER OBJECTIVE

I am an aspiring Data Scientist who enjoys connecting dots: be it ideas from different disciplines, people from different teams, or applications from different industries. I have strong technical skills and an academic background in Data Visualization, Business Analysis, Project Management and Machine learning.

My Passion Lies in solving Business problems with tailored data and algorithms and communicating complex ideas to non-technical stakeholders. I can jump across verticals to deliver high-performing AI Solutions.

In my graduate studies, I have taken on various leadership roles, including mentoring, and leading our university teams in Global events like Infosys: Summer of Ideas, Roche Code4Life 2020, BIBC 2020, coordinating institute - wide research events for hundreds of people and leading two Computer Science Societies.

I am graduating in May 2022 and eager to obtain a creative and challenging position that enables me to gain valuable experience and improve my knowledge and skills that I gained as part of my course and academic career.

EXPERIENCE

BSNL : Junior Data Analyst

2018 – 2019 ④ 8 months

📍 Ghaziabad, Uttar Pradesh, India

- Built Explanatory Linear Regression Model for an Indian Start-up to identify the types of people who are most vulnerable to Covid-19 Virus.
- Scrapped, cleaned, and assimilated patient's data from all around India as inputs to Corona Virus Positive Prediction Model.
- Visualized univariate and multivariate clusters of Petrol/Gasoline Usage, price, income, and other factors in India using Jenks and K-Means Algorithms.
- Enhanced the Tech Infrastructure in the Organization that counted 35% Reduction of total Annual Expenses for the Organization.

CDAC : IT System Support Trainee

2017 – 2018 ④ 11 months

📍 Mohali, Punjab, India

- Led Product Development of SAAS Infrastructure mapping prototype, named InfraNav and developed Custom Maps to market product's capabilities.
- Managed GIS team tasked with assimilating and mapping approximately 1,20,000 km of Fiber Optic Infrastructure for 17 cities across India.



Joydeep Bhattacharya

CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com

tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

- Carried out Network Migration in the Northern parts of India that provided 65% increase in Customer Satisfaction Rate.

- Enhanced the Tech Infrastructure in the Organization that counted 35% reduction of Total Annual Expenses for the Organization.

Alliance Ltd : Business Analyst Intern 2016 – 2017 6 months

New Delhi, India

- Analysed Sales Data to review, plan and assist with Inventory Management for a Client Company.

- Identified new product opportunities based on In-depth Market Research.

- Defined project scope, goals, and deliverables to ensure consistency with company strategy and commitments.

- Gathered Market Research and Analytics to recommend product activities.

- Implemented an Agile Ideation Plan to streamline development processes which helped to reduce the overall cost of the project by 12%.

- Collaborated with Marketing Partners and Stakeholders to deliver integrated plans.

EDUCATION

B.Sc. (Hons) Business Information Technology 2019 – 2022

Staffordshire University (UK), APIIT, Kuala Lumpur, Malaysia

Degree Classification: [First Class with Distinction](#) GPA: 4.0 (Perfect)

Relevant Modules:

- Business Information Systems in Organization
- Business Systems Analysis, Design and Construction
- Software Development
- Publishing for the WWW
- Relational Database Systems Development
- Networked Computer Systems
- Information Systems Organization & Management
- Quantitative Tools for Computing

Diploma in Computer Science & Engineering 2014 – 2017

Maharishi Markandeshwar University, Haryana, India

Degree Classification: [First Division with Distinction](#) CGPA: 8.46

Relevant Modules:

- Data Structure with C
- Programming with Java
- Network Security
- Operating System
- Distributed Computing
- Entrepreneurship Development and Management



Joydeep Bhattacharya

CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com

tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

CERTIFICATIONS

- **Lean Six Sigma Yellow Belt Certification**

↳ **The Council for Six Sigma Certification (CSSC)**

► Credential ID: [739155](#)

► Issuance Date: [December 2020](#)

► Expiration Date: [N/A](#)

- **Business Strategy Management Certification**

↳ **Global Institute of Business Studies (GIBS)**

► Credential ID: [26184-160-814-6348](#)

► Issuance Date: [December 2020](#)

► Expiration Date: [N/A](#)

- **Project Manager Certification**

↳ **LinkedIn Learning, California, USA**

► Credential ID: [Ae8yoFYTwhVJvyiw_6DuARcnG_7Y](#)

► Issuance Date: [July 2020](#)

► Expiration Date: [N/A](#)

- **Web Development : Full Stack and Front End**

↳ **LinkedIn Learning, California, USA**

► Credential ID: [AYjo1SxNDd4-od7dnmlyoNdAnxju](#)

► Issuance Date: [December 2020](#)

► Expiration Date: [N/A](#)

- **Google Cloud Platform Business Professional Accreditation**

↳ **Google Cloud, New Jersey, USA**

► Credential ID: [N/A](#)

► Issuance Date: [July 2020](#)

► Expiration Date: [N/A](#)

- **Cloud-Native Database for Fintech**

↳ **Alibaba Group**

► Credential ID: [CDW038200600021592](#)

► Issuance Date: [June 2020](#)

► Expiration Date: [June 2022](#)

- **Data and Application Security for Fintech**

↳ **Alibaba Group**

► Credential ID: [CDW040200600021598](#)

► Issuance Date: [June 2020](#)

► Expiration Date: [June 2022](#)

- **SEMrush SEO Toolkit Certification**

↳ **SEMrush**

► Credential ID: [5efa104bfc8bfca8bc4ee7c33bl5](#)

► Issuance Date: [June 2020](#)

► Expiration Date: [June2022](#)



Joydeep Bhattacharya

CONTACT



+60 - 164251925
+91 - 8515831851



joydeep5.asn@gmail.com
tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

INDUSTRIAL TRAINING

• Industrial Training on Network and Cyber Security

↳ Bharat Sanchar Nigam Limited (BSNL), Ghaziabad, India

► Credential ID: [ALTITNB331-2016-1701006](#)

► Issuance Date: December 2016

► Expiration Date: January 2017

• Industrial Training on Networking Technologies

↳ Center for Development of Advanced Computing (CDAC)

► Credential ID: [16-17/ST-NT/ 14066](#)

► Issuance Date: June 2016

► Expiration Date: July 2016

PROJECTS

• Masked Face Detection for ATM

► **Project Description:** Developed a head classifier to detect masked faces in ATM to potentially prevent the event of robbery or any unwanted incident. Different camera angle, position, image quality, illumination and type of occlusion were given more priority. Improved the existing accuracy by 20%.

► **Platform Used:** Jupyter(python) in Anaconda.

► **Libraries Used:** TensorFlow, Keras, nltk, wordnet, numpy, pandas.

• Hate Speech Classification

► **Project Description:** Team project on developing a Machine Learning Classifier that can classify a given text into Hate and Non- Hate Speech. NLP Techniques were also used for Data processing. Got 85% accuracy and 52.5 F1score on text dataset.

► **Platform Used:** Jupyter(python) in Anaconda.

► **Libraries Used:** TensorFlow, Keras, nltk, wordnet, numpy, pandas.

• Automated Performance Reporting System

► **Project Description:** Developed a program to automatically generate quarterly performance reports for Financial Start-up, scraping the web to get historical stock price, data, dividend data and earning release dates. Ultimately cut the firm's reporting process from days to minutes.

► **Platform Used:** HTML, CSS, JavaScript, Bootstrap, Oracle Database.

► **Libraries Used:** Tableau, ProWorkflow, Dundas BI, Klipfolio, Sisense.

• Medical e-Portal utilizing Blockchain Technologies

► **Project Description:** Designed and developed a Hybrid Application named HealthSpire that can be accessed from any platform (Android, iOS, Web) which provides wholesome healthcare services to the users. It brought all the stakeholders on a common platform for efficient distribution of Covid-19 Vaccines across the country.

► **Platform Used:** Flutter, Android Studio, Google Firebase, Ethereum.

► **Libraries Used:** Regression Model, Decision Tree, SVM classifier, ANN Classifier, Call-log Segregation, Bluetooth Beacon API.



Joydeep Bhattacharya

CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com
tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

ACHIEVEMENTS/ AWARDS

- Secured 4th position in Roche Ideathon 2020 for HealthSpire -- an online portal that brings all the stakeholders of Medical Industry in a same platform so that they can work in a more efficient manner. The provision of utilizing Ethereum alongside traditional online transaction was also applauded by the Judge Panel from Roche Malaysia.

- Secured 1st Position in Rural Tech Innovation Challenge 2017 (India) for Automatic Street Light using Raspberry Pi 4 Development Board.

- Won the Most Innovative Idea Award in National Level Go Kart Design Challenge 2015 organized by Indian Society of New Era Engineers and sponsored by The Federation of Motor Sports Clubs in India (FMSCI) for Integration of Innovative Technologies in a Mechanical Project.

SEMINAR/ CONFERENCE ATTENDED

- **UPTIME 2021 – The Annual Private 5G & LTE World Community Conference**

- ▶ Attended two (2) day conference on “UPTIME 2020 – The Annual Private 5G % LTE World Community Conference” organized by Athonet (Fondazione Guglielmo Marconi) dated from 17th November – 19th November 2020.

- **Data Analytics and Contemporary Security: AI, Optics & Ethics**

- ▶ Attended conference on “Data Analytics and Contemporary Security: AI, Optics & Ethics” organized by Insight SFI Research Centre for Data Analytics dated on 21st December 2020.

- **Virtual Impact Circle 2020 Start-up Hacks**

- ▶ Attended conference on “Virtual Impact Circle 2020 Start-up Hacks: Surviving the Digital Era” organized by AIESEC (UIN Jakarta) dated on 19th December 2020.

- **PGPMAX Masterclass: Promise on Blockchain**

- ▶ Attended seminar on “PGPMAX Masterclass: Promise on Blockchain” organized by Indian School of Business dated on 19th December 2020.

- **Virtual Impact Circle 2020 Start-up Hacks**

- ▶ Attended conference on “Virtual Impact Circle 2020 Start-up Hacks: Surviving the Digital Era” organized by AIESEC (UIN Jakarta) dated on 19th December 2020.



Joydeep Bhattacharya

CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com

tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

EXTRA- CURRICULAR ACTIVITIES

- Worked as Volunteer with Fusionex Employees to set-up the event and monitor registration in Fusionex Data Challenge, 2019.
- Organized and delivered workshop on “Artificial Intelligence and Machine Learning” for foundation and Diploma students at Asia Pacific University, Kuala Lumpur, Malaysia 2019.
- Performed as Assistant Project Manager in Sport Carnival 2019 to organize the on-campus event successfully and advertise the activities & opportunities to students and faculties for getting involved in the event.
- Elected as Chapter Representative (Computer Society of India) in Maharishi Markandeshwar University, India for establishing and maintaining effective coordination and working relationships with interested students and Management.
- Organized multiple Bootcamps and managed the Database for Leader for Tomorrow (LFT) during 2016 - 2017, a non-profit Youth Leadership Organization.
- Captained Cricket Team of M.M University, Haryana, India in Interstate Competition 2016, India.

SOCIAL CAUSE

- ▶ Volunteered at Fingers Crossed NGO, Kolkata, India for working in Community Mobilization and healthcare for underprivileged sections of society.
 - ▶ Got Paramedic and First Aid Certification from St John's Ambulance, New Delhi to assist our already stretched First Line of Defence from Covid-19 Virus.
 - ▶ Handled the Blood Donor Registration for a Blood Donation Camp which was organized by Kolkata Municipality Corporation (KMC).
 - ▶ Volunteered as a Primary Teacher (Subject: English) at the Need to Feed the Need Charity Organization based at Kuala Lumpur, Malaysia.
-



Joydeep Bhattacharya

CONTACT



+60 - 164251925
+91 - 8515831851



joydeep5.asn@gmail.com
tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

REFEREE

- **Name:** [Jaspreet Singh Banga](#)
Designation: Senior Consultant
Organization: Roche Malaysia Sdn. Bhd
Contact No: [+60 192533526](#)
Email ID: jaspreet_singh.banga@roche.com
 - **Name:** [Tanveer Khaleel Shaikh](#)
Designation: Senior Lecturer, School of Computing
Organization: Asia Pacific University, Kuala Lumpur, Malaysia
Contact No: [+60 1114291633](#)
Email ID: tanveer.ks@apu.edu.my
 - **Name:** [Dr Debashish Das](#)
Designation: Senior Lecturer, School of ICT
Organization: Xiamen University, Malaysia
Contact No: [+60 126571837](#)
Email ID: debashish@xmu.edu.my
-



Joydeep Bhattacharya

CONTACT



+60 - 164251925

+91 - 8515831851



joydeep5.asn@gmail.com
tp054326@mail.apu.edu.my



Kuala Lumpur, Malaysia



[Linkedin.com/in/joydeep-bhattacharya-21aa811b8/](https://www.linkedin.com/in/joydeep-bhattacharya-21aa811b8/)



<https://joydeep555.github.io/joytechnical.github.io>

PERSONAL DETAILS

Topic	Details
Name	Joydeep Bhattacharya
Current Address	Flat No: E-4-10, Arena Green Apartment, Bukit Jalil, Selangor, Kuala Lumpur, Malaysia, WP57000
Permanent Address	Gitanjali Apartment, Flat No -3B, Kalyanpur Housing Estate, Asansol, District: Paschim Bardhaman, West Bengal, Pin- 713305
Contact Details	+60 164251925 +918515831851
Email ID	joydeep5.asn@gmail.com tp054326@mail.apu.edu.my
Sex	Male
Nationality	Indian
Marital Status	Unmarried
Passport Number	P9005128
Passport Issue Date	30/03/2017
Passport Expiry Date	29/03/2027
Language Known	English, Hindi, Bengali, Tamil, Punjabi, French, Bahasa Melayu.

This is to certify that the above information is true to the best of my knowledge.

Date: 15th December 2020

Place: Kuala Lumpur, Malaysia

Joydeep Bhattacharya

(Joydeep Bhattacharya)
