

PERSONAL INFORMATION

Bhabajeet Kalita



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Sex Male | Date of birth 13 Jul 1992 | Nationality Indian

PERSONAL STATEMENT

I am highly motivated to apply my Data-Science skill sets for working in areas of Machine Learning, Natural Language Processing, Web Development and offer my valuable contribution in every regard for mutual growth.

WORK EXPERIENCE

16 Apr 2012–28 Apr 2012

In-plant Training (Embedded Systems and Mobile Technologies using VXML)

Matrix Cubes, Chennai (India)

Understand the working of Embedded Systems and test systems using Voice XML.

9 Jun 2011–17 Jun 2011

Trainee (Workshop on Data Structures & Algorithms using C)

Indian Institute of Technology, Kharagpur (India)

EDUCATION AND TRAINING

13 Apr 2015–31 Jul 2018

Masters of Applied Computer Science (Grade: 2.9)

Georg-August-Universität Göttingen, Göttingen (Germany)

Master Thesis (Scalable Architecture for Entity Recognition and Disambiguation) -

- A Web-Front for users to extract Person & Location Names from text files.
- Finding the probable corresponding real-world Wikipedia entries for the Names.
- Disambiguate the Wikipedia entries using Cosine Similarity and link the entities to their Wikipedia page using Parallel Processing.
- Python Technologies - Flask, Multiprocessing, Natural Language Toolkit (NLTK), Stanford Named Entity Recogniser, SciKit Learn, TF-IDF, Cosine Similarity, Wikipedia Module.

Projects -

- Developing a widget in Orange (Open source machine learning and data visualization) to parallelise data processing using MPI (Message Passing Interface) and Multiprocessing in Python.

Python Applications in GitHub - <https://github.com/exoticmaina/Projects>

- Interactive Dictionary, Web Map using Folium, Website Blocker & GUI Library, Parsing Cities & Dates, Parsing Website data, Twitter Data Analysis, RandomizedSearchCV & OOP.
- **NLP** -> Person & Location Named Recogniser and Disambiguator, TF-IDF, Word & Sentence Counter, Information Retrieval System, Text Preprocessing & Author Recognition.
- **Predicting** -> Customer Churning, Hiring Decisions, Bike Fare, Diabetes, amount of Restaurant Visitors, Wine Quality and gender of Website Visitors.

Udemy Certifications on Data Science & Machine Learning using Python - SciKitLearn, Pandas, Matplotlib, Seaborn, Ensemble Learning, Naive Bayes, GridSearchCV, KNN, Feature Engineering, OOP, Data Structures & Algorithms, Deep Learning & Parallel Processing.

Natural Language Processing Skill Set - Spacy, Geograpy, Geodict, Document Similarity, Stanford Named Entity Recogniser, Entity Linking & Disambiguation, Topic Modelling, NLTK, Sentiment Analysis.

Web Development & Other Skill Set - SQL, SPARQL, HTML, CSS, Bootstrap & Javascript.

18 Jul 2010–18 Jul 2014

Bachelor of Technology in Software Engineering

SRM University, Chennai (India)

Bachelor Project: (Visual Cryptography using (2,2) Algorithm) -

- Encryption: Split a secret file into 2 shares and insert them into different photos.
- Decryption: Combine back both the shares and get back the secret file.

PERSONAL SKILLS

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	A1	A1	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- C-CUBE Club Overall Coordinator for Newsletter & Poster Publication team for **30 months** (2011-2014).

Organisational / managerial skills

- Founder of the **Youtube channel 'EXOTIC ASTROLOGY'** with over **500 videos** and around **10,000 subscribers**, dedicated to improving lifestyle - <https://www.youtube.com/c/ExoticAstrology>.
- **Overall Coordinator** of **DHRUVA Club** for **30 months** (2011-2014) in Chennai (India), managing over **200 people** and conducting sessions related to **Personality Development**.
- **Crowd Management Head** for **50,000 people** at Cultural Center Opening in Pune (India).

Other skills

Cooking, Cricket, Astrological Birth Chart analysis for predicting the behaviour of a person.

ADDITIONAL INFORMATION

Honours and awards

Secured first position for '**Discover Yourself Course**' conducted by **VOICE** Club, Chennai (India), 2010.