

DEBDAS GHOSH

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Highly analytical and process-oriented Data Analyst / Machine Learning Engineer with in-depth knowledge of database, statistical methodologies, Big Data capture, manipulation and visualization. Furnished insights, analytics and business intelligence used to advance opportunity identification, process reengineering and corporate growth.

EDUCATION

- University of Pittsburgh, Master of Science in Information Science, 2019-2021 – pursuing
- West Bengal University of Technology, Master of Business Administration (Systems), 2016-2018
- University of Calcutta, Bachelor of Science - Computer Application, 2006-2009

PROFESSIONAL EXPERIENCE

Spencer's Retail Ltd, Kolkata, April 2013 – August 2019

Manager - IT, July 2015-August 2019

- Conducted data mining, data modeling, statistical analysis, business intelligence gathering, forecasting and benchmarking. Data analytic supports decisions for high-priority, customer service improvement, stock fill rate approximation and process reengineering.
- Used quantitative data gathered to develop an understanding of customer behavior, demographics and buying patterns. SCM Analytics, sale predictions, Market research analytics.

Assistant Manager – IT, April 2013- June 2015

- Built APIs for exposing customer data (over 500 GB) to supports Analytics, CRM, e-business.
- Worked on time complexity, optimization, feature selection, data extraction, cleaning, algorithms.

Web Developer, Micronix Technologies Pvt. Ltd, Kolkata Branch, Oct 2010-April 2013

- US Patent granted on 09, Feb, 2016 (<https://patents.google.com/patent/US20140098140>). Objective was to present Spiral design search gallery.
- Developed and maintained various web and mobile projects.
- Oversaw client calling and project management.

Web Developer, DrWebMedia, Kolkata, August 2009-Sept 2010

- Helmed the web division team and a 6-member creative team.
- Created web sites, intranet software.

ACADEMIC PROJECT

Title: Breast Cancer Classification by Machine Learning

Objective was to detect whether a lump is benign or malignant using DNN and CNN by Tensorflow. Duration of the project was 12 weeks, Team Size: 3, Individual Role: Python Coding, Sample collection, Testing.

TECHNICAL SKILLS

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| • Expertise: | Data Analytics, Data Mining, Machine Learning, Deep Learning, Human Information Processing, Algorithm Design, Natural Language Processing, Artificial Intelligence, Web & Mobile Apps Development |
| • Software: | MS Office, MS Project, Tableau, Qlikview |
| • Languages/Skills: | Python, R, PHP, MySQL, HTML5, CSS3, JavaScript, Tensorflow |
| • Technologies: | GIT/SVN, REST, SOAP, LAMP, AWS |

CERTIFICATIONS:

- Data Science and Machine Learning Certification, Ivy Professional School, Kolkata, 2017-2018
- Advance Hardware and Networking, HCL Career Development center, Kolkata, 2009