

# Suchismita Padhy

• [suchismita\\_padhy@berkeley.edu](mailto:suchismita_padhy@berkeley.edu) • 510-415 6923 • [linkedin.com/in/suchismitapadhy](https://www.linkedin.com/in/suchismitapadhy)

## EDUCATION

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- Master of Information Management and Systems, University of California, Berkeley 2016-2018  
Relevant Courses: Neural Computation, Natural Language Processing, Database Systems, Distributed Systems
- Bachelor of Technology in ELECTRICAL AND ELECTRONICS ENGINEERING 2007-2011  
Biju Patnaik University of Technology, Rourkela

## WORK EXPERIENCE

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INFOSYS LIMITED, Software Engineer NOV 2011 - MAR 2016

- *Infosys Labs*  
Worked as a part of the Global Engineering Services to build innovative products by leveraging technologies in the areas of cloud computing, data analytics, and social media to enhance product architecture and to shorten the release cycles. (*Infosys internal tools*)
- *Neptune Orient Line - Enterprise Data Warehousing*  
Developed ETL applications in retail, shipping, and transport domain for the data warehouse pertaining to the client requirements in supporting the legacy system. (*Bash, Datastage, Teradata, Qlikview*)
- *Nike - Business Intelligence Developer*  
Developed a decision support system with an aim to optimize risk related costs and improve the operating efficiency. Enhanced the existing functionality to Nike's Master data management process. (*SAP-ABAP*)

MANISHRI REFRACTORIES & CERAMICS, Software Developer MAY 2011 - NOV 2011

- Developed tools to manage and streamline the operation processes in the organization. (*Java-J2EE, SQL*)

INDIAN INSTITUTE OF MANAGEMENT CALCUTTA, Summer Intern JUNE 2009 - AUG 2009

- Worked on analyzing world wide market facts and trends in connection with habits and practices of consumers of information systems for MICROSOFT INDIA.

## PROJECTS AND PUBLICATIONS

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- **ITINEMATIC:**  
Involved in the conceptualization and implementation of a system that gathers reviews and comments from multiple sources and uses a learning module to automatically prepare an itinerary. (*Python, sciPy, Maps API*)
- **GAMEMOTE:**  
Built a real-time model in order to improve interactions in computer games by capturing and learning player emotions which were detected using Microsoft Kinect, a motion sensing input device.
- **RESEARCH TRACKER:**  
Implemented a community detection framework on DBLP collaboration network to track academic research that aligns with interests of Infosys.
- **AUTO-JOB-EXP:**  
Created a tool, "Auto-Job-Exp" which automates IBM Datastage job exporting work flow and reduces the time consumption by around 30%. This was recommended as a reusable asset for organization-wide use, upon evaluation by the tools deployment team of Infosys.
- Contributed to the knowledge management portal of Infosys by formalizing a set of procedures to cast raw data collected from IBM Mainframe systems to an efficiently retrievable format in Teradata. This work was published in Infosys' Book of Knowledge.

## TECHNICAL SKILLS

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- **PROGRAMMING:** Java, Python, C/C++, Matlab
- **DATA ANALYSIS TOOLS:** numPy, Pandas, matplotlib, NLTK
- **DATABASE TECHNOLOGIES:** SQL, Teradata
- **WEB TECHNOLOGIES:** HTML/CSS, JavaScript

## AWARDS AND CERTIFICATES

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- Completed online courses such as *Machine Learning, Algorithms : Design & Analysis, Social Network Analysis, Analyzing Global Trends for Business and Society.* COURSERA (2012-2015)
- Recieved the Bravo award for Q2 2013 and Most Valuable Player award for Q3 2013. INFOSYS (2013)
- Completed the training program at Infosys as a top performer. INFOSYS (2012)
- Recipient of Jawaharlal Nehru memorial scholarship for consistent academic performance. (2007-2011)