

Bashash Shaikh

SUMMARY

To obtain a position as an Environmental Scientist that will utilize my acquired analytical, technical and interpersonal skills allowing me to grow professionally

RESEARCH CONCENTRATION

Water and wastewater treatment, Contaminant of Emerging Concern, Hazardous spills and Soil contamination



ADDRESS

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LINKEDIN

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COMPUTER SKILLS

- Ms Office suite (Word, Excel, PowerPoint)
- Programming Language: Octave, MATLAB, C++
- Web Design: JAVA, HTML
- Animation Software: Adobe Flash, Adobe Fireworks
- Database: mySQL, Ms Excel

KEY SKILLS

- Detail oriented
- Excellent communication, interpersonal, and organizational skills
- Database development
- Data mining
- Report building

LANGUAGES

English, German (AI), Hindi (Native), Gujarati (Native), Urdu (Mother Tongue)

CERTIFICATION

- Workplace Hazardous Materials Information System (WHMIS 2015)
- Hazardous Waste Management and Disposal for Laboratory
- Introduction to Biosafety

RELEVANT EXPERIENCE

McGill University, Montreal, Quebec, Canada

September 2018 – April 2019

Laboratory Safety Officer

- Assisted in writing and maintenance of specific standard operating procedures (SOPs)
- Developed chemical hygiene plan to reduce the number of unwanted accidents and spills
- Ensured safe disposal of bio-hazardous and non-hazardous waste
- Maintained records regarding safety training, area specific training procedures and safety equipment testing.

McGill University, Montreal, Quebec, Canada

May 2017 – April 2019

Research Assistant

- Developed research methodology to extract functional data and analyze the findings
- Tabulated information to understand market trends and insights
- Sample extraction and analysis (Wet laboratory)
- Conducted literature review on endocrine disrupting chemicals to develop useful database

Narmada Education and Scientific Research Society, Bharuch, Gujarat, India

June 2015 – November 2015

Instructor (Visiting Faculty)

- Delivered lectures to the Post-Graduate students
- Developed handouts and undertook a managerial role as required

Gujarat Narmada Valley Fertilizers & Chemicals Ltd. Bharuch, Gujarat, India

May 2014 – August 2014

Summer Intern

- Part of commissioning team in Ethyl Acetate effluent treatment plant
- Studied Environmental Management Protocols
- Provided operation support for effluent treatment units
- Analyzing collected data with a series of experiments and simulation
- Examined the industrial safety features of fertilizer and petrochemical complex and assisted in developing low-risk health and safety policy.

PROJECTS

Responsible replacement of endocrine disrupting chemicals

May 2017 - Present

- Assessing the substitution of focal chemicals with alternatives to avoid regrettable substitution
- Identifying and organizing texts to develop a timeline for focal chemicals

To study fate and transport of emerging contaminants at contaminated sites

September 2016 – January 2018

- Reviewing the state-of-the-art process involved in site remediation and develop modern techniques to increase the efficiency of environmental site assessment
- Identifying current health impacts and propose revised standards for public safety

EDUCATION

Master of Engineering - Environmental Engineering Program

2016 - 2018

McGill University, Montreal, Quebec, Canada

Bachelor of Engineering - Environmental Engineering

2011 - 2015

LD College of Engineering, Ahmedabad, Gujarat, India