
JUHI CHOKSI

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Summary

Actively seeking full time job opportunities with a focus on Water Resource Management, Water & Environmental Policy Management/Environmental Compliance Manager or Environmental Engineering sector.

Education

(MS) (Environment and Resource Management-Water Management) Arizona State University, Mesa, AZ	Expected Graduation in May 2021
Bachelor of Engineering in Environmental Science & Engineering Gujarat Technological University, Gujarat, India	Graduated in May 2017

Technical Skills

Water & wastewater treatment technologies, Design of water & wastewater treatment units, Legal and documentation work related to industries, Air pollution control devices, environment laws and regulations, Soil & Groundwater contamination, Water Law & Policy, Ecology and Remote sensing, Environment Impact Assessment and Environmental Legislation and Audit, Solid Waste Management, Water and Food Security and Environmental Sustainability

Other: Microsoft office (Word, PowerPoint, Excel, Outlook), Fundamentals of ArcGIS

Certifications

- Successfully completed HAZWOPER 40-hour Health and safety Training Course.
- Successfully completed Water Management Certificate Program on May 16, 2020.
- Recipient of Gold medal for securing 1st rank in Environmental Science and Engineering in my undergraduate studies.
- Certified for participating in Short Term Training Programme on Advanced Strategies for Sustainable water and wastewater management by my undergraduate college.
- Secured 3rd prize in Poster presentation competition held at an International conference on Chemical Industry, Gandhinagar, India.

Professional Experience

Extern, United Nations University – Institute for Water, Environment and Health, Canada 11/2020 - Present

- Assisted in developing the course of Mangroves Biodiversity and Ecosystem for the Water Learning Center.
- Researching and analyzing the flood index mapping of various regions around the world.

ERM Club President, ASU, USA

05/2020 - Present

- Relaying information about jobs and Internships to all the ERM Department Students.
- Hosting and Organizing several events such as Career Fair, Field trips, Volunteer events etc.
- Maintaining contact with alumni in order to create job opportunities for the current students.

ERM Social Media Outreach Co-ordinator, ASU, USA

03/2020 - Present

- Handling the Social Media account of Environmental & Resource Management on Facebook and Instagram.
- Posting timely updates and achievements about the ERM department and Arizona State University.

Lecture Capturer Aide, Arizona State University, Mesa, USA

08/2019 – 03/2020

- Recorded the lectures for the Environment Resource and Management Department, in order to make the content available for the online students at ASU.

Assistant Project Engineer, Gujarat Pollution Control Board, Gandhinagar, India

06/2017-05/2019

- Successfully achieved the target to process the Inspection reports, Consent to establish and Consent to Operate for approximately 2000 industrial units of Ahmedabad City.
- Analyzed industrial facilities to determine releases to air, water and hazardous waste in order to scrutinize their permit.

- Reviewed case files, inspection reports and complaints to recommend compliance actions.
- Worked with regional officers to determine appropriate actions for the industrial units found in non-compliance.
- Handled the correspondence of Ministry of Environment, Forest and Climate Change and Comprehensive Environmental Pollution Index between the State government and Central Government.

Intern, Environmental Management Inc, Ahmedabad, India

12/2016-01/2017

- Tested parameters of wastewater samples from the industries and different streams in order to check the compliance as per the National Standards.

Intern, Vasudev Associates, Ahmedabad, India

12/2016-01/2017

- Analyzed Environmental Impact Assessment Reports to study how to incorporate the environmental factors in process of problem solving and decision making and how to minimize or predict the adverse environmental effects before they occur.

Academic Projects

Pinal Valley – Physical Availability Determination, Arizona Water Company

01/2020 - Ongoing

- Creating and analyzing database for the Pinal Valley Physical Availability Determination, mainly for Casa Grande and Coolidge with the help of ArcGIS software.
- Researching and reviewing different type of applications such as: Assured Water Supply, Assignment of type A CAWS or type B CAWS, Exemption and Re-issuance of CAWS.

Drought Contingency Plan, City of Peoria

01/2020-05/2020

- Worked on developing the Drought Contingency Plan for City of Peoria, keeping in mind the present population and the future predictions with a team of four ASU students.

Engineered In-situ Aerobic Destruction of Organic Pollutants

05/2016-04/2017

- Worked with a team of 4 undergraduate students and a faculty mentor to analyze remediation of Methylene Blue in Ground water through injection of secondary clarifier sludge of Sewage Treatment Plant.
- Created a 2- dimensional model of ground water strata for analysis in the laboratory.
- Noted and tested the results at 24 hours, 48 hours and 72 hours in which 99 % accuracy was achieved.

Domestic Wastewater Treatment

08/2015–10/2015

- Created a model in which the team treated the domestic household wastewater from kitchen, washing machine, and bathroom and reused in flushing.

Activities

07/2013-05/2017

- Represented my state and university at various National level Basketball tournaments.
- Served as a Class Representative for 4 years during my undergraduate education.
- Tutored the underprivileged children and helped them with their academics through an NGO named Vardaan Foundation.
- Received training in Hindustani Classical Music – Vocal for two years.