

# Mushfiqur Rahman (Mushfiq)

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## SKILLS

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**Computer:** Python - pandas, NumPy, matplotlib, Seaborn, scikit-learn, NetworkX; SQL; Jira; SAP; Visio; SharePoint; MS Office; Google Workspace; ArcGIS; MS Power BI; R

**Project Management:** UCSB's Project Initiation, Planning, and Integration course (1 of 6 toward PMP certification)

**Leadership:** Completed SoCalGas's Leadership Training Camp then effectively deployed its servant leadership philosophy

## CERTIFICATES (compiled at <https://github.com/lflnr/Certificates>)

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**Udemy:** 2021 Python for Machine Learning & Data Science Masterclass (44 hours)

**Coursera:** Applied Data Science with Python (5 courses); Statistics with Python (3 courses); Python 3 Programming (5 courses); Python for Everybody (5 courses); Agile - Atlassian Jira;

**edX:** Python (3 courses); Logic and Computational Thinking; Microsoft Power BI

**Lynda:** Product Management (Scrum and Jira); Data Science (Python, SQL, Excel, Statistics, Tableau)

## PROFESSIONAL EXPERIENCE

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### Environmental Field Services Team Lead - [Storage](#) (June 2016 – June 2018)

Southern California Gas Company – Environmental Services: Anaheim, CA, USA

- Led 5 Environmental Specialists assigned to natural gas storage fields - responsible for regulatory reporting, storm water compliance, hazardous materials, inspections, audits, infrastructure projects review
- Continued aiding the [Aliso Canyon SS-25 gas leak](#) project as it evolved to root cause analysis - trained Operations on new requirements; conducted mobile methane surveys, assisted in-house/outside counsel regarding on-going litigations
- Responded onsite and remotely to emergency leaks, releases, fires (always on-call); spearheaded emergency report preparation; directly submitted reports to [California Office of Emergency Services](#), [SCAQMD](#), [DOGGR](#)
- Shepherded annual environmental KPI reporting for 3 storage departments and 5 storage fields with 95% compliance

### Senior Environmental Specialist (December 2014 – June 2016)

Southern California Gas Company – Storage Technical Services: Chatsworth, CA, USA

- Secured environmental compliance of gas utility operations for 5 natural gas storage fields
- Contributed essential support at the front line for Aliso Canyon's SS-25 natural gas leak which greatly impacted the Porter Ranch community - field reinforcement at 6 well kill attempts; guided environmental contractors; tested storm water; obtained construction environmental clearance; coordinated haz waste/non-haz waste disposal; directed field lab sampling; escorted agency inspectors; headed a team to escort daily SCAQMD inspections; collaborated with C-suite, legal, SMEs, consultants; thrived under intense pressure resulting in a promotion to an inaugural Team Lead position
- Conducted operations audits; interfaced with government agencies and auditors; provided infrastructure project support; updated hazardous materials, stormwater, spill prevention plans
- Analyzed government regulations as well as company policies for operations applicability and presented feedback

### Environmental Compliance Specialist (March 2011 – December 2014)

Southern California Gas Company – Distribution Operations: Oxnard, CA, USA

- Ensured environmental compliance of gas utility operations within a ~15K square mile region
- Audited operations; responded to government agencies; created Haz Mat Business Plans
- Delivered training to specialty groups (Management, Operations, Engineering)

## EDUCATION

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### Master of Environmental Science and Management – University of California, Santa Barbara (June 2009)

Notable Coursework: Earth System Science; Environmental Law; Environmental Politics and Policy; Environmental Economics; Statistics and Data Analysis; Web Mapping (KML); Grant Writing; Industrial Ecology; Green Supply Chain Management; Life Cycle Analysis (GaBi software); Fate and Transport of Pollutants; Water Quality Management; GIS

### Bachelor of Science – University of California, Irvine (June 2005)