

Aisha Patel

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SUMMARY

Dedicated and detail-oriented Environmental Engineer with a strong foundation in sustainable design practices and environmental assessments. Proven ability to leverage analytical skills to solve complex environmental problems while collaborating effectively with interdisciplinary teams.

EXPERIENCE

Environmental Engineering Intern

Jun 2022 - Present

EcoSolutions Inc., Cambridge, MA

- Conducted environmental impact assessments for 5 major projects, resulting in a 30% reduction in projected compliance costs.
- Assisted in the design and implementation of a waste reduction program that lowered waste disposal expenses by \$15,000 annually.
- Utilized AutoCAD and GIS software to develop site plans and environmental models for client projects.

Research Assistant

Jan 2021 - May 2022

University of Massachusetts, Amherst, MA

- Collaborated on a research project focusing on water quality assessment, leading to publication in a peer-reviewed journal.
- Analyzed water samples using HPLC and spectrophotometry, improving data accuracy by 20%.
- Presented findings at the National Water Resources Conference, enhancing academic visibility.

Volunteer Environmental Consultant

Sep 2020 - Dec 2020

Green Earth Initiative, Boston, MA

- Developed educational materials on sustainable practices for local businesses, increasing awareness and engagement by 50%.
- Conducted site assessments and provided recommendations that improved local community recycling rates.
- Facilitated workshops on renewable energy solutions and their implementation in residential areas.

EDUCATION

Bachelor of Science in Environmental Engineering

May 2022

University of Massachusetts, Amherst, MA • GPA: 3.7

SKILLS

Technical Skills: Environmental Impact Assessment, AutoCAD, GIS, Water Quality Analysis

Tools & Frameworks: HPLC, MATLAB, ArcGIS