

Aisha Khan

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SUMMARY

Detail-oriented Energy Analyst with over 5 years of experience in energy efficiency analysis, data modeling, and renewable energy solutions. Proven track record of delivering actionable insights that drive cost savings and sustainability improvements.

EXPERIENCE

Energy Analyst

Jan 2022 - Present

GreenTech Solutions, San Francisco, CA

- Conducted energy audits that identified potential savings of 20%, resulting in \$500,000 in client cost reductions annually.
- Developed energy consumption models using Python and MATLAB to forecast energy needs, enhancing operational efficiency by 30%.
- Collaborated with cross-functional teams to implement renewable energy projects that increased sustainable energy usage by 15%.

Junior Energy Analyst

Jun 2018 - Dec 2021

EcoEnergy Consulting, Los Angeles, CA

- Assisted in managing a portfolio of energy efficiency projects leading to a cumulative savings of over \$1 million for various clients.
- Utilized EnergyPlus and RETScreen software for simulation and analysis of building energy performance, improving design recommendations.
- Analyzed energy consumption data and presented findings to clients, resulting in a 25% increase in client engagement with energy-saving initiatives.

Energy Intern

Jan 2017 - May 2018

Renewable Innovations, Inc., San Diego, CA

- Supported senior analysts in data collection and analysis for renewable energy projects, contributing to a project that improved energy output by 10%.
- Conducted market research on emerging energy technologies, providing insights that informed strategic planning.
- Participated in client presentations, helping secure contracts worth over \$250,000.

EDUCATION

Bachelor of Science in Environmental Science

May 2018

University of California, Berkeley, Berkeley, CA • GPA: 3.7

SKILLS

Technical Skills: Energy Modeling, Data Analysis, Statistical Analysis, Project Management

Tools & Frameworks: Python, MATLAB, EnergyPlus, RETScreen, Tableau