MICHAEL
ANDERSON

Surface Chemist

- San Francisco, CA
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Enthusiastic Surface Chemist with over 4 years of experience in the electronics industry, specializing in the development of coatings for circuit boards and electronic devices. Expertise in formulating protective coatings that enhance conductivity and durability while minimizing environmental impact. Proficient in using analytical techniques such as EDS and FTIR to assess coating performance.

WORK EXPERIENCE

Surface Chemist | ElectroCoat Solutions   Jan 2022 – Present

- Developed environmentally friendly coatings that improved electrical conductivity by 25%.
- Utilized EDS and FTIR for detailed analysis of coating properties.
- Collaborated with design teams to create coatings that met product specifications.
- Conducted performance testing to ensure compliance with industry standards.
- Maintained laboratory equipment and ensured safety protocols were followed.
- Prepared technical reports summarizing experimental results for stakeholders.

Junior Surface Chemist | Tech Innovations Inc.   Jul 2019 – Dec 2021

- Assisted in the development of protective coatings for electronic components.
- Conducted routine testing and analysis of materials to ensure quality.
- Maintained comprehensive documentation of experimental procedures.
- Supported senior chemists in project development and implementation.
- Participated in team meetings to discuss project progress and results.
- Ensured compliance with safety and environmental regulations in the lab.

SKILLS

Coating formulation   Analytical techniques   Team collaboration   Environmental compliance   Project support

Technical reporting

EDUCATION

M.S. in Chemistry   2017
Electronics University

ACHIEVEMENTS

- Improved product reliability scores by 20% through innovative coating solutions.
- Presented findings at industry conferences, enhancing company visibility.
- Contributed to a project that won an award for sustainability in materials development.

LANGUAGES

English   Spanish   French