

ROBERT SMITH

Student Laboratory Assistant

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Seeking an outstanding career opportunity that will offer a rewarding work environment along with a winning team that will fully utilize management skills.

EXPERIENCE

Student Laboratory Assistant

ABC Corporation - 2009 - 2019

- Planted, nurtured, and harvested research specimens in plant genetics lab.
- Screened seedlings for Xylem mutations and collected genetic material for analysis.
- Designed DNA primers based on sequenced genetic code, performed enzyme digestion reactions of plant DNA, and performed polymerase chain reactions (PCR)/gel electrophoresis.
- Built Access database based on outbreak investigation questionnaire, constructed associated data dictionary, and imported data into SAS for analysis.
- Imported data sets from large national survey, used data step programming to clean and merge data from multiple tables.
- Statistical Analysis & Presentation Used categorical data analysis to construct odds ratios for data from foodborne illness outbreak.
- Conducted univariate and bivariate exploratory analysis of large national survey data, produced summary tables and graphics to present trends, and conducted qualitative analysis.

Student Laboratory Assistant

Delta Corporation - 2007 - 2008

- Followed written protocols and produced clear and concise reports.
- Worked on extraction and separation of DNA, prepared buffers, and prepared Southern blots for analysis.
- Operated centrifuge, micro-pipetting equipment, and microscopes.
- Used skills to calculating weights and formulas to prepare reagents using analytical balance knowledge.
- Collected corn leaf samples and performed biochemical assays to find the antioxidant capacity Performed extraction and purification of nucleic acids, .
- Primary duties included testing bacterial spores, creating and pipetting liquid soy media, preparation and maintenance of all laboratory equipment, .
- Secondary duties included assisting the College of Dentistry Admissions office in event planning and execution.



EDUCATION

- MS

SKILLS

Laboratory Skills, Managing SKills.