JANE DOE

Biology Research Assistant

CONTACT

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(123) 456-7890

Gaithersburg, MD

[LinkedIn](#)

EDUCATION

Bachelor of Science
Molecular and Cellular Biology
Johns Hopkins University
2013 - 2017
Baltimore, MD

SKILLS

SPSS
LabWare
Illumina BaseSpace
Bioconductor
ImageJ
GraphPad Prism
LabArchives
FlowJo
Bio-Rad CFX Manager
PyMOL

WORK EXPERIENCE

Research Assistant

MedImmune

2023 - current / Gaithersburg, MD

- Authored detailed reports from FlowJo flow cytometry data, **aiding a successful $1.4M grant application**
- Harnessed LabWare LIMS for a high-throughput lab, increasing data-entry efficiency by 24%
- Analyzed genomic data using Illumina BaseSpace, expediting data interpretation by 48 hours
- Organized and cataloged over 572 tissue samples within LabArchives, ensuring seamless data retrieval

Research Technician

Battelle Memorial Institute

2020 - 2023 / Aberdeen, MD

- Automated image processing protocols with ImageJ, improving image analysis throughput by 38%
- Adopted GraphPad Prism for experimental data, boosting presentation clarity for nine stakeholders
- Overhauled the statistical analysis pipeline using SPSS, directly contributing to a $3.2M contract renewal
- Managed real-time PCR experiments with Bio-Rad CFX Manager, **cutting reagent costs by $763 per month**

Junior Research Technician

LifeBridge Health

2017 - 2020 / Baltimore, MD

- Boosted structural analysis accuracy by 22% by adopting PyMOL for advanced molecular visualization
- **Oversaw a biorepository of 1,276 specimens,** minimizing sample retrieval from two minutes to 36 seconds
- Used Bioconductor for complex bioinformatics data analysis, increasing study predictive accuracy by 47%
- Maintained detailed experimental records, while ensuring compliance with regulatory standards