



Ivan Akimov

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 4016 Marion Way, El Sobrante, CA 94803

Summary

I am an analytical chemist with a passion for reliable and trustworthy science, problem-solving and procedure analytics, communication, leadership, and creative thought. I am trained in extraction techniques for the isolation and separation of analytes from complex biological matrices, GC-MS and LC/MS-MS operation for the quantitative analysis of small molecules of biological or synthetic origin.

Education and Awards

Undergraduate - Syracuse University : BS in Biology and Graphic Design Class 2016

Graduate - Boston University School of Medicine : MS in Biomedical Forensic Sciences Class 2018
(FEPAC accredited graduate program)

Posse Foundation Leadership Scholarship 2012 - 2016

Posse is a non profit organization that identifies scholars based on their leadership, teamwork, and academic performance. The scholarship provides four year full tuition to students who promote excellence within their group and the college community.

Professional Experience

QC Analyst II - Joinn Biologis Jan. 2020 - Present

At Joinn Biologics I am performing wet chemistry tests of samples in order to comply with cGMPs, SOPs, and safety requirements. My duties include writing and revise SOPs, write IOQ protocols, and ensure complaint integration of new instrumentation into a QC environment.

Laboratory Analyst - Steep Hill Laboratory Feb. 2019 - Oct. 2019

At Steep Hill Laboratory my primary responsibility is pesticide and mycotoxin analysis of samples. My duties also include loading LC/MS and GC/MS machines, changing consumables, monitoring instruments for possible errors, formulation of calibration curves, formulation of LC mobile phase. I have also assisted supervisors in peer review of SOP and was one of the two analysts performing Emerald Scientific proficiency testing of laboratory methods for the pesticide and mycotoxin assay. I am the primary analyst compiling data packaging for the BCC and have been assisting the development team and direct supervisor in terms of preparation for ISO audit along with the performance of production duties.

Laboratory skills

Chromatography and wet chemistry

Extraction and purification techniques

Endotoxin Testing

Data analysis and interpretation

Safety procedures for Bio-Hazard Level Two Laboratories

IOQ and SOP writing

Quality assurance & Quality control procedures

DNA extraction and RT-PCR amplification methods

BCC compliance and regulations

User experience and user interface analysis

LC/MS and GC/MS operations

Chemical extraction techniques

Research and development

Consumable changes and instrument troubleshooting


Pesticide Analysis

Leadership


Fractional Distillation

Mycotoxin Analysis

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Internships & Research

Boston University Police Department - Using the criminal justice information system to identify changes in the board of probation records that impact the ongoing investigations. Oct. - Dec. 2017
Shadowing court testimony and current investigation.

Graduate Thesis Research - Evaluation of alternate materials and methods for capturing identifying characteristics of footwear impressions.

Design Experience

Fall Workshop 2015 - Designer responsible for the workshop web page, Fall 2015
Lead role in virtual reality presentation on its application to the journalism industry,
Lead designer and creator of a point of view virtual reality film rig.

Syracuse City School District - Designer responsible for creating promotional package Jan. to May 2015
for AVID (Advancement Via Individual Determination) & MSAP (Middle School Alternative Program),
help manage photography and produce illustrations for posters.

Orange Television Network - Designer responsible for assessing clients needs Aug. 2012 - May 2013
and produce motion graphic assets for advertising on web, social media, and print.

Software

LabSolutions, LIMS, Osyris, Word, Excel, Power Point, Adobe Acrobat, Photoshop, Illustrator, Premiere, Adobe Bridge, InDesign, Final Cut Pro X, AfterEffects, Zbrush, Maya, Rhino

Languages

Written and oral fluency in Russian and American English.

References

Shift Lead - Steep Hill

Arika Ward
arika.ward@steephill.com
(217) 827-1389

Laboratory Director - Steep Hill

Amy Goodwin
amy.goodwin@steephill.com
(410) 562-7833

Director of Process Development and Implementation - Steep Hill

Caleb King
caleb.king@steephill.com
(330) 687-8366

Graduate Thesis Mentor - Boston University

Amy N. Brodeur, MS
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