NICK CRUICKSHANK

ncruickshank.github.io

Williston, VT

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508-654-6991 | nccruickshank94@gmail.com

Quality Control Data Analyst

Data Analysis | Investigative Writing | Process Improvement

Innovative Data Analyst experienced in presenting key performance indicators from complicated datasets in a clearly understood fashion. Seeking opportunities to utilize and further develop analytical skills.

CORE COMPETENCIES

Data Analysis | R | Tidyverse | GGPlot | Python | Pandas | Quality Control | Quality Assurance | Environmental Monitoring | Good Manufacturing Practice (GMP) | Aseptic Technique | Investigative Writing | Pharmaceutical Industry | Novatek

PROFESSIONAL EXPERIENCE

Edge Pharma, LLC – Colchester, VT

2020-01 to Present	*Quality Control Data Analyst*
	Responsibilities Analyze Quality Control (QC) data to communicate key performance indicators to upper management. Write reports (CAPAs, investigations, deviations) and SOPs to drive process improvement. Collaborate as part of the audit response team to ensure the company is meeting regulatory expectations (FDA, California Board of Pharmacy).
	Key Achievements • Pioneered environmental monitoring (EM) data trending, allowing management to act on previously under-utilized data generated as part of the EM Program • Launched and qualified (IOPQ) Novatek EM Software, a 21 CFR 11 compliant EM data management software, providing the company with significantly improved EM data management and trending capabilities • Streamlined production scheduling by implementing an easy to use google sheet for inter-departmental purposes, saving 5-8 hours a week for the production manager • Trained and mentored new members of companies writing staff, allowing the company to keep up with report writing needs
2018-11 to 2019-12	*Quality Control Environmental Monitoring Specialist*
	Responsibilities Schedule and perform EM testing for sterile cleanroom compounding activities as part of a collaborative team to continually ensure that cleanrooms used in production are within control. Investigate EM samples which were above acceptable limits following incubation.
	Key Achievements • Created a new job function within the cleanroom production environment, pioneering the logistical implementation of the testing requirements • Collaborated closely with the Production Manager to ensure that EM testing requirements were met while fostering inter-departmental cooperation • Built an excel spreadsheet which provided detailed logs of EM testing schedules, while also allowing for labels to be easily created for media plates used in testing. These printed labels halved the amount of time required to label plates

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2017-09 to 2018-10	*Production Pharmacy Technician*

Responsibilities
Compound patient-specific allergy extract treatment sets in an ISO 5 environment using good manufacturing practice and industry standard aseptic technique.

Key Achievements
- Exceeded production expectations in a cleanroom compounding environment

EDUCATION

2017-08	**M.S. in Pharmacology (Thesis-based)**	*University of Vermont*
2016-06	**B.S. in Neuroscience (Chemistry minor)**	*University of Vermont*

2015-06 to 2017-08	*Graduate Research Assistant – Dr. Erdos Lab*

Responsibilities
Perform various complex surgical procedures on lab rats (radio telemetry transmitter implantation, stereotaxic brain surgery, cardiac perfusions). Analyze perfused brain tissue using immunohistochemistry and fluorescent microscopy imaging.

Publications
- Master's thesis on "The Effects of Hypothalamic Brain-Derived Neurotrophic Factor on Catecholaminergic Regulation of Cardiovascular Function"
- Co-author on "BDNF Downregulates β-Adrenergic Receptor-Mediated Hypotensive Mechanisms in the Paraventricular Nucleus of the Hypothalamus" published in the American Journal of Physiology: Heart and Circulatory Physiology on 2019-12

2014-06 to 2015-09	*Undergraduate Research Assistant – Dr. Toth Lab*

Responsibilities
Analyze images of muscle tissue to assess mitochondrial density in atrophy models.

Publications
- Co-author on "Chronic Disuse and Skeletal Muscle Structure in Older Adults: Sex-Specific Differences and Relationships to Contractile Function" published in the American Journal of Physiology-Cell Physiology published on 2015-06

CERTIFICATES

2020-06 to 2020-09	**Applied Data Science with Python**	*University of Michigan - Coursera Specialization*

- Courses: "Introduction to Data Science in Python", "Applied Plotting, Charting, & Data Representation in Python", "Applied Machine Learning in Python", "Applied Text Mining in Python", and "Applied Social Network Analysis in Python"

INTERESTS

Marathon Running | Hiking | Gaming