Trent Koga

CONTACT

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94588

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(661)-513-6530

SKILLS

- IR
- NMR
- ICP-MS
- UV-VIS
- SOP
- LIMS
- Communication
- Microsoft Excel
- Problem Solving
- Multitasking
- Computer Literacy
- Data Automation
- Database Management

LANGUAGES

- Python
- VBA
- Google Apps Script
- HTML
- CSS
- SQL

Online Resume URL

https://trentkoga.w3spaces.com/

EDUCATION

California State University Long Beach

Graduated 2020

Chemistry B.S.

Biochemistry B.S.

College of the Canyons

Graduated 2017

Liberal Arts and Sciences degree: Mathematics and Science A.A

EXPERIENCE

Analytical Chemist / Air Protein

August 2022 – Current

- Created and presented models for a database management system on historical data.
- Preform routine analysis for various samples in food preparation.
- Analyzing complex data sets with VB and python.
- Communicating though cross functional teams providing an in-depth analysis of data.

Analytical Chemist / Merck KGaA

June 2021 – August 2022

- Prepare inorganic solutions in a clean room to adhere to SOP and regulatory standards with various matrices.
- Integrate VBA code to automate standard workflow increasing productivity.
- Operate ICP-MS and troubleshoot both mechanical and technical issues.
- Execute raw material analysis and NWA data collection.
- Work cooperatively with a cross-functional team to release customer products.

Academic Research Assistant / CSULB

Summer 2018 – Spring 2020

- Implement catalyst synthesis test from literature via microwave.
- Characterize organic products with a variety of instrumentation (NMR, GC-MS, TLC, UV-VIS, IR).
- Explore various chemical processes to optimize reaction time.
- Gather inventory through UC Chemicals.
- Maintain a detailed laboratory notebook and collaborate across various teams.