

# Chase Bryant

Windsor, CO 80550

[chasebryant42\\_grn@indeedemail.com](mailto:chasebryant42_grn@indeedemail.com)

+1 720 717 5010

Reliable graduate looking to secure employment in a professional work environment among peers & mentors.

Authorized to work in the US for any employer

## Work Experience

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### **QC Chemist II**

Boulder Scientific Company - Mead, CO

June 2021 to Present

- o Execution of analyses on chemical products throughout production processes utilizing:  
Ø NMR, GCFID, GCMS, ICPOES, ICPMS, HPLC, IC, FTIR; Titration by Karl-Fischer, Potentiometric, Acid-Base, and Complexometric methods; UV-Vis Spectroscopy, APHA Colorimetry, Gravimetric Concentration, Insoluble Matter, and Loss on Drying
- o Sample preparation by extraction, digestion, filtration, and drybox
- o Performance verifications and preventive maintenance of instruments

### **Wet Chemical Analyst II**

Eurofins Environment Testing Test America - Denver, CO

June 2018 to June 2021

- o Execution of various analyses in accordance with EPA approved methods including:  
Ø BOD, HEM, IC; Manual and Automated UV-Vis Spectroscopy; Total, Amenable, and Weak Acid Dissociable Cyanide; Total Recoverable Phenols, Total Hardness, Turbidity, Sulfite, Conductivity, Specific Gravity, Color, and Paint Filter
- o Sample preparation by filtration, leaching by distilled water, and distillation

### **Water Quality Technician Temporary**

Denver Water - Denver, CO

July 2019 to September 2019

- o Execution of various analyses in accordance with EPA approved methods including:  
Ø Alkalinity by Auto-Titration, IC, TOC/DOC, Enzyme Substrate Presence/Absence Coliform Test and Most Probable Number
- o Sample preparation by filtration and incubation
- o Aided in special research projects concerning water distribution systems

### **Department of Energy Intern**

Brookhaven National Laboratory - Upton, NY

June 2016 to August 2016

o Synthesis, separation, and characterization of oligofluorene compounds to aid in organic solar cell research utilizing:

Ø Suzuki cross-coupling, chromatography, roto-evaporation, bromination, and NMR

### **STEM Research Assistant**

ENMU STEM - Portales, NM

March 2016 to May 2016

o Collection and determination of atrazine in water samples taken from Wildlife Refuges utilizing:

Ø Centrifugation, extraction, roto-evaporation, and GC-MS

Spring 2017

o Continuation of BNL research concerning oligofluorene synthesis for the separation of intermediate reaction mixture utilizing column chromatography

### **Tutor**

Biological, Physical, & Mathematical Sciences - Portales, NM

September 2014 to March 2016

Assisted students with assignments and questions regarding to various courses in Mathematical, Biological, and Physical Science Departments. Creation of learning resources for various courses, in-class assistance to professors, and help with miscellaneous duties in the Tutoring Services Department.

### **Bio-technician Aid**

Bureau of Land Management - Carlsbad, NM

June 2015 to August 2015

Maintained recreational resources, assisted in construction of wildlife habitat improvement, assisted in presence/absence surveys for the Dune Sagebrush Lizard (*Sceloporus Arenicolus*) in accordance with the United States Fish & Wildlife protocol, developed "Lands with Wilderness Characteristics" surveys in accordance with BLM and the Wilderness Act protocol.

### **Technician's Assistant**

ENMU Department of Physical & Biological Sciences - Portales, NM

September 2012 to March 2013

Assisted supervising technician in various duties assigned by school, secretary, or professors. Duties consisted of, inventory, maintenance of various science department properties, upkeep of storage rooms, assistance in labs, feeding of animals and maintenance of mineral and natural history museums, office work, or other duties as needed.

## Education

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### **Bachelor's in Environmental Science & Chemistry/Biochemistry**

Eastern New Mexico University - Portales, NM

August 2012 to May 2017

## Skills

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- Calibration

- Instrumentation
- Safety training
- Reagent preparation
- LIMS
- Maintenance
- Microsoft Office
- Data Entry
- Spectroscopy
- Laboratory Experience

## Awards

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### **Awards, Achievements, & Organizations**

- ENMU Environmental Science Division Member
- Recipient of New Mexico Lottery Scholarship
- Recipient of Undergraduate Award in Analytical Chemistry
- Recipient of the Institutional Scholarship
- Recipient of the NM Student Incentive Grant Portales Scholarship
- Recipient of Freshman Academic Scholarship
- Recipient of NM Geological Society Pipkin Book Scholarship
- Listed on the Honor Roll & Dean's List

## Assessments

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### **Attention to detail — Proficient**

October 2023

Identifying differences in materials, following instructions, and detecting details among distracting information

Full results: [Proficient](#)

### **Work motivation — Proficient**

February 2021

Level of motivation and discipline applied toward work

Full results: [Proficient](#)

### **Spreadsheets with Microsoft Excel — Proficient**

February 2021

Knowledge of various Microsoft Excel features, functions, and formulas

Full results: [Proficient](#)

### **Workplace safety — Completed**

April 2021

Using safe practices at work

Full results: [Completed](#)

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

## Additional Information

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### Skills

- Microsoft Office • ArcMap and ArcCatalog Basics
- LIMS Systems • Reagent Preparation
- Chemical Instrumentation Maintenance/Operation/Calibration • Lab Safety Training