

## **Ritika Changulani**

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### **Profile Summary**

A Bachelor of Science with a Chemistry Major and a French Minor, skilled in use of laboratory techniques such as chromatography, spectroscopy, titrations and chemical analysis. Proficient in Microsoft Office – Word, Excel and PowerPoint. Independent and meticulous, with attention to detail and good inter-personal skills. Experienced as a Chemistry Lab Technician, Lab Stock-keeper, Cashier, Store Associate, Teaching Assistant and Lab Coordinator.

### **Education**

**Northern Arizona University (NAU), Flagstaff, AZ**

**Graduation: 6<sup>th</sup> May 2022**

Bachelor of Science in Chemistry with Health Pre-professional Emphasis, Minor in French

- Completed courses in analytical, organic, inorganic and physical chemistry, biochemistry, math, biology and physics along with focused courses covering French speaking, writing and grammar
- Awarded the Dean's Scholarship (2018-2019) and NAU Opportunity Scholarship (2020-2021)
- Included in Dean's list twice during Fall 2020 (Junior year) for scoring a semester GPA of 3.75 and in Fall 2021 (Senior Year) for a scoring GPA of 3.73.

### **Experience**

- **Lab Coordinator, Advanced Materials Technologies, Chandler, AZ**

**Sept 2022 - Oct 2023**

**As a Lab coordinator, my main responsibilities were**

Coordination with Brazing Room, Shipping and receiving department , Quality and Inspection.

My duties included the following :

1. Preparing a Mounting Puck(Metallurgical Lab)
2. Settings for the Grinding/Polishing Machine Unit:
3. Grinding:
4. Polishing:
5. Grinding

- **Radiochemical Lab Technician, Radiation Safety Engineering Inc July 2022 - September 2022 Chandler, Arizona**

○ **My main responsibilities are as follows:**

- Testing of drinking water and environmental samples
- Analyzing the presence of contaminants in the form of radioactive materials – observing alpha, beta and gamma particle activities in the water
- Updating excel records after completion of testing and analysis, recording before and after testing information
- Making reagent solutions, mixing, laboratory upkeep cleaning and store-keeping

- **Cashier, Sprouts Farmers Market**

**May 2022 – July 2022**

### **Chandler, Arizona**

- Handled payments made by customers whether by cash, debit or credit card and give them accurate change, as applicable
  - Assisted customers by providing information on product location and other questions and resolved their complaints to the best of my knowledge and capability
  - Followed front end procedures, helped stocking shelves, managed displays and got store front clean and ready as needed
  - Ensured that checkout areas are maintained in a clean and orderly manner
  - Reported to front end manager and Head Cashier on any issues, seeking their help in resolving customer complaints; and carrying out any other tasks and duties as assigned
- **Lab Stock-keeper, Department of Chemistry and Bio-Chemistry** **Oct 2021 – Apr 2022**  
**NAU, Flagstaff, AZ**
    - As a lab equipment and chemicals stock keeper, ensured that the inventory of the necessary chemicals is recorded and up to date in the register and matches the actual quantity
    - Made sure the equipment such as vials, pipettes and evaporating dish, are cleaned and are available for the students' usage
    - Re-filled and maintained the stocks of solutions used in the lab to the required level
    - Performed and guided fire evacuation drills
    - Followed all safety procedures
  - **Store Associate, TJX Homegoods** **Dec 2021 – Jan 2022**  
**Chandler, Arizona**
    - Received and organized goods in the store backroom.
    - Made sure the shelves were restocked when empty.
    - Helped customers looking for particular goods and services.
    - Made sure products are properly displayed inside the store and at the store front.
    - Performed regular inventory counts and reported the same to the store manager.
    - Carried out any other tasks as directed by the Store Manager
  - **Teaching Assistant, Undergraduate French 101** **Aug 2021 – Dec 2021**  
**NAU, Flagstaff, AZ**
    - Collected and graded homework on a daily basis and assisted with daily class activities
      - Circulated during in-class activities
      - Assisted students with questions
      - Provided the instructor with feedback and observations about students' progress and challenges
    - Held regular office hours for students, including both informal tutoring, structured activities and exam review sessions

### **Volunteer Experience**

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- **Volunteer, Barton House, Scottsdale, AZ** **Mar 2018 – May 2018**
  - Supported and looked after seniors with Alzheimer's and dementia
  - Played games with, served food to and fed the patients and listened to their stories
- **Teaching Assistant, Chemistry Honors** **Jan 2018 – May 2018**  
**Chaparral High School, Scottsdale, AZ**
  - Helped students understand concepts
  - Supervised the students and helped them with their experiments

- Set up the lab in preparation for the classes
- Maintained the lab equipment such as cylinders, pipettes and beakers

### **Interests and Activities**

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Participated in the following clubs and activities during high school and college

- Participated in Tennis Club, French Conversation Club and Fire Creek Café at NAU
- Participated in Zumba and Intermediate Lap Swim at NAU
- Completed two-year dance program at Chaparral High School and gave stage performances
- Was part of Swim and Dive Team at Chaparral High School
- Participated in Track and Field athletics at Chaparral High School

### **References**

Mr Alex Myers, Ph.D. Laboratory Director Radiation Safety Engineering Inc 3245 N Washington St. Chandler, Arizona 85225 <a href="mailto:alex@radsafe.com">alex@radsafe.com</a>	Mr. Kevin Greenwood Manager for Chemistry Labs Department of Chemistry and Biochemistry Northern Arizona University Flagstaff AZ 86011-5640 <a href="mailto:Kevin.Greenwood@nau.edu">Kevin.Greenwood@nau.edu</a>	Cindy Kimura Friend Physician Assistant 12211 N. 57 <sup>th</sup> way Scottsdale AZ 85254 <a href="mailto:Chkimura21@gmail.com">Chkimura21@gmail.com</a>
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