

# Alfred J. Adler

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## EDUCATION

**West Virginia University**, *Morgantown, WV*  
Bachelor of Science in Chemistry  
GPA: 3.4/4.0

Anticipated: May 2017

## LABORATORY SKILLS

- $^1\text{H}$ ,  $^{13}\text{C}$ ,  $^1\text{H}$ - $^1\text{H}$  COSY NMR Spectroscopy
- IR, GCMS and UV Spectroscopy
- Chromatography (gas, thin layer, column)
- Preparation of microscope slides and blood samples
- Staining procedures, including Globin IHC trials, Ferric Ferricyanide, Erythrosin B, and Acid Elution
- Accurate record keeping in a laboratory notebooks

## RELATED EXPERIENCE

**Research Assistant** | West Virginia University | *Morgantown, WV* March 2015–June 2016

- Synthesized organic ligands and inorganic compounds using anaerobic techniques
- Characterized products with  $^1\text{H}$ , NMR, UV-visible, and IR spectroscopies
- Measured interactions of the complexes with duplex DNA via melting curves
- Presented posters at one regional and two local meetings

**Teaching Assistant** | West Virginia University | *Morgantown, WV* March 2013–March 2015

- Planned and led help sessions and recitations
- Coordinated materials, conducted lab sessions, and graded lab reports in a timely manner
- Received award for best Chemistry Teaching Assistant

## ADDITIONAL EXPERIENCE

**Customer Service Associate** | Marshall and Company | *Washington, PA* January 2013–Present

- Serve customers making various payment transactions
- Process cash advances quickly and accurately to employees, resulting in being honored as Employee of the Month three times
- Balance cash receipts of previous days and compile daily report for the auditing department, eliminating the need for a second shift employee, saving the company over \$2,000 per month

## ACTIVITIES

**Member**, American Chemical Society

January 2013–Present

**President**, WVU Chemistry Club

March 2015–June 2016

**Participant**, CIRRU Conference

January 2016

**Member**, WVU Chemistry Journal Club

May 2013–August 2016