AJH Resume

Education

Full Stack Developer Certificate
University of Minnesota, College of Continuing and Professional Studies
March 2024

Bachelor of Arts in Chemistry
University of Minnesota, Morris, Morris, MN
May 2018

Certifications and Courses

- **Microsoft Certified: Azure Fundamentals**
  Issued by: Microsoft
  Certification Date: November 1, 2024

- **AWS Certified: AWS Cloud Practitioner**
  Issued by: Amazon Web Services
  Certification Date: January 29, 2025
  Validation Number: 25c6e2c9be604a4781ce264f58017f6e

Skills

- **Front-End Technologies**: Proficient in HTML, CSS, JavaScript, and modern frameworks like React.
- **Back-End Technologies**: Experienced with Node.js, Express, and integrating with databases like MySQL and MongoDB.
- **Testing and Quality Assurance**: Skilled in writing unit, integration, and end-to-end tests.
- **Collaboration**: Strong communication and teamwork abilities, experienced in Agile/Scrum methodologies.
- **Continuous Learning**: Committed to staying updated with the latest industry trends and best practices.

Experience

Full Stack Developer
University of Minnesota, Full Stack Developer Bootcamp, Minneapolis, MN
12/2023 – 3/2024

- While an educational experience, this bootcamp was similar to employment.
- Designed, developed, and maintained web applications using JavaScript, Node.js, React, and MongoDB.

- Implemented responsive and visually appealing user interfaces, ensuring cross-browser compatibility.
- Developed and optimized server-side logic and APIs for high performance and responsiveness.
- Integrated front-end components with back-end services to ensure seamless communication.
- Applied Agile methodologies to manage project timelines and deliverables
- Conducted rigorous testing, including unit, integration, and end-to-end tests, to ensure code quality.
- Collaborated with designers, product managers, and developers to deliver high-quality products.

Chemical Technician
Republic Services South Hennepin HHW, Bloomington, MN
10/2019 - 08/2023

- Sorted household hazardous wastes by hazardous category
- Determining unknown waste composition
- Placing waste in appropriate waste grouping
- Following safety procedures and protocols
- Conducting work while practicing good customer service
- Loading trailers and unloading deliveries using forklift

Researcher
Aerotek Scientific, LLC, Contingent worker at 3M, Maplewood, MN
07/2018 - 07/2019

- Preparing test specimens
- Collecting and logging data
- Organizing and reporting data
- Adhesive resin formulation
- Analyze resin formulation components for compatibility
- Color match resin formulations to specifications
- Determine best components to achieve desired formulation properties
- Work collaboratively to accomplish goals
- Perform additional duties as required

Undergraduate Researcher
University of Minnesota, Morris, MN
09/2017 - 12/2017

- Preparation of precursors
- Synthesis and characterization of pre-ligand
- Maintain a clear, concise lab notebook
- Good lab safety practices
- Able to increase yield by applying knowledge from another project

Chemistry Inventory Clerk
University of Minnesota, Morris, MN
07/2017 - 11/2017

- Became familiar with procedures by managing and tracking chemical inventory
- Spearheaded process to migrate paper tracking to electronic system
- Resulted in more effective tracking and locating of chemicals

Undergraduate Researcher
University of Minnesota, Morris, MN
06/2017 - 08/2017

- Synthesis and characterization of precursors, monomers, copolymer
- Optimizing precursor synthesis
- Maintaining a lab notebook
- Adhering to safety protocols involving lab techniques and chemicals
- Primary literature searches
- Identifying future work for improvements in process and properties of copolymer
- Compiling results and preparing poster for presentation
- Presented by poster at the 255th ACS national conference

Undergraduate Researcher
University of Minnesota, Morris, MN
06/2016 - 05/2017

- Paid research position through Louis Stokes Alliances for Minority Participation (LSAMP) grant
- Synthesis and characterization of organic ligand precursors, organic ligands, and MOFs
- Post-synthetically modified MOFs
- Quantifying protein adsorption after incubation period with gel electrophoresis and fluorometry
- Analyzing and interpret data
- Compiling results and preparing poster for presentation and final lab report
- Poster presented at the 253rd ACS national conference

Undergraduate Researcher
University of Minnesota, Morris, MN
09/2015 - 12/2015

- Develop calibration curve from hexanes and ethyl acetate standards
- Test unknown mixtures to ensure calibration curve was accurate
- Worked without direct supervision
- With this method TLC eluent can be recycled

Work History

Laborer/Equipment Operator
Riley Brothers Construction, Morris, MN
Summers 2013, 2014, & 2015

Drill Operator/Blaster
Wisconsin Industrial Sand, Maiden Rock, WI
2004-2009

Slot Department Supervisor
Grand Casino Mille Lacs, Onamia, MN
2002-2003