

# Alannah Mitchell

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## SKILLS

- Diverse and plentiful lab skills (such as PCR, DNA sequencing, compound isolation, microscopy, LFDs, etc.) developed by years of chemistry and biology coursework, lab work, and volunteering
- Proficiency in both qualitative and quantitative data processing and analysis gained through chemistry and biology lab work and research internship
- Excellent interpersonal communication skills shown through years of teamwork in research and customer service, such as collaborative problem solving, outreach, and verbal and written presentation of scientific information
- Experience with nanopore sequencing, GenBank, and scientific data coding

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## WORK EXPERIENCE

**Institute for Environmental Health • Vancouver, WA | *Laboratory Analyst*** Aseptically prepare environmental and food samples for microbial analysis. Work effectively with a team of lab analysts to return results accurately and quickly. Perform analysis procedures such as PCR, allergen LFD testing, and various methods of quantitative analysis. Collaborate to solve procedural problems and facilitate best practices. Train incoming analysts in lab procedures. Lead maintenance of bacterial cultures and daily QA controls. **8/22 - Present**

**Clark College • Vancouver, WA | *Volunteer Lab Assistant (Microbiology)*** Utilized a multitude of biology lab skills to prepare soil and bacteria samples for the upcoming school years. Gained knowledge and experience with microscopy, DNA sequencing, agar plate and broth inoculation, isolation streaking, micropipetting, bacteria enumeration and storage, and lab safety techniques. **7/17 – 12/22**

**Analog Devices, Inc. • Camas, WA | *Security Guard*** Patrolled and surveyed site periodically for potential threats, hazards, and trespassers. Proficiently responded to various emergency situations in collaboration with the Emergency Response Team lead. Kept detailed, up-to-date logs according to security protocol. **12/21 – 8/22**

**Heidi's Fancy Goods, LLC • Amboy, WA | *Farm assistant*** Organized seeds, took inventory, and planned orders. Planted and cared for vegetables, herbs, flowers, and trees. Learned care practices for sheep, chickens, and bees. Assisted in customer service at farmers markets. Memorized information about plants and produce to relay to customers. **10/20 – 8/21**

**Fred Meyer • Salmon Creek, WA | *Home and Garden Clerk*** 3/18 – 9/20 Assisted customers in finding plants and planning gardens, as well as locating any other home goods and giving advice regarding merchandise. Facilitated plant care daily through watering, stocking, and organizing. **3/18 – 9/20**

**Portland State University • Portland, OR | *Research Assistant*** 9/17 – 3/19 Analyzed and processed qualitative research for the Regional Research Institute. Conducted reviews for grant writing. Assisted in writing research materials and survey instruments. Compiled raw data and organized into relevant categories and demographic statistics. Presented on disability and employment in two national conferences. **9/17 – 3/19**

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## EDUCATION

2017 – 2022 *Bachelor of Science in Biology*

Portland State University, Portland OR (2017-2019)

Washington State University, Vancouver WA (2020-2022)

Coursework: Conservation Biology, Marine Biology, Organic Chemistry,  
Ecology, Plant Biology, Organisms and Global Change, Genetics, Cell

Biology, Biochemistry, Calculus, Physics

2015 – 2017 *Associate of Arts in Biology*

Clark College, Vancouver WA

Coursework: Biology series, Chemistry series, Microbiology capstone, Social Sciences, Algebra, Statistics

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## CONFERENCES

### ***AAIDD 2018***

“Narratives of Autism and Skilled Employment: Implications for Research and Service Delivery Regarding Intersectional Diversity and Inclusion in Professional Settings”

Presented by: Dora Raymaker, PhD; Katherine McDonald, PhD; Alannah Mitchell

PI: Dora Raymaker, PhD

### ***TASH 2018***

“Autism and Skilled Employment”

Presented by: Alannah Mitchell

PI: Dora Raymaker, PhD