

Sarah Quinn

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Personal Profile

I am a Full Stack Software Developer, recently graduated from Dev Academy Aotearoa. With a previous background in science and conservation, I have a strong passion for improving systems and operations, finding innovative solutions, creative problem solving, and improving the world around us.

I am excited to progress within software development and enjoy the challenges in this field. I am eager to learn and excel in communication, creativity and contributing to a positive and supportive team culture.

Expertise



Skills

Creativity and Problem Solving

I enjoy the challenge of finding innovative solutions and viewing a problem from new and creative perspectives. This passion was first discovered in my personal interest in board & video games and has been a major factor in my drive towards software development. I have grown this skill professionally when applying experimental design to unpredictable biological systems.

Organisation and Professionalism

I gain great deal of satisfaction from designing effect systems that allow processes to run smooth and efficiently. This is displayed within time-management, effective communication, methodical application, and well-defined systems. I have applied these skills with both scientific projects, and software development projects, where accuracy was essential for the final product.

Communication and Teamwork

Essential for a successful and productive work environment. I understand the importance of clearly communicating tasks, systems and project goals, whilst creating a supportive environment where team members feel respected and valued for their contributions. These skills have been harnessed through my group projects in an academic setting, scientific projects within a professional setting, and my experience as a youth leader.

Presentation and Public Speaking

I have been commended for my natural talent for presentation and public speaking. I enjoy engaging an audience with creative demonstrations on project details, and finding the perfect balance between presentations that are informative and professional, whilst intriguing. I have been advancing these skills professionally through conservation and scientific projects, as well leading youth groups and in adventure tourism. I was also able to enhance these skills within software development projects academically.

Education & Training

Tertiary Qualification / Professional Affiliation

Dev Academy Aotearoa Web Development Training Scheme

Dev Academy Aotearoa 2022

Software Development

Toi Ohomai Institute of Technology 2022

Outline of Key Papers:

- Information Technology Operations
- Enterprise
- Fundamentals of Programming and problem Solving

BSC in Ecology

The University of Auckland 2014 - 2018

Experience

Employment

Conservation Cadet – Bay Conservation Alliance 2021

Plant identification, bird identification, pest control, data collection, habitat monitoring, water quality monitoring, LUV training, First aid training.

The conservation cadet program is designed to develop the skills and experience of its participants and provide practical qualifications to work within conservation, including wetlands, freshwater and native bush habitats.

Entomology Technician – Entomology department, Plant and Food Research 2018 - 2020

Preparation, establishment and maintenance of trials, Data collection, Data entry and basic data analysis, drafting method sections for inclusion in client reports, Insect assays, insect monitoring methods, agar production and serial dilutions.

Working in a team and independently, in the field and laboratory to assist in the development of insect pest management technologies.

Student Intern – Entomology department, Plant and Food Research 2017 - 2018

Data Collection and Processing, Experimental Design, Field Work, Communication, and Presentation. *Experimental design to gather information for a larger project. Working within a team to develop a competent integrated pest management product. Implemented experiments both in field and laboratory environments. Maintained positive relationships with orchard owners. Collection and presentation of data.*

Youth Worker – PHAB NZ 2014 - 2017

Event Facilitation & Organisation, Group Management, Disability & Youth Welfare. *Working as both a **team leader** and a group assistant for youth with disabilities and their siblings. Responsible for booking venues, organising events, leading events and ensuring the safety and comfort of all. Maintaining positive relationships and communication with youth, parents, and staff members.*

Visitor Welfare, Seed Collection, Park Maintenance, Weed & Pest Control, Farm Work, Wildlife Monitoring. *Maintaining positive relationships with members of the public whilst ensuring public safety and compliance with park rules. Carrying out daily and weekly assessment and maintenance of parks, directing contractors and volunteers, and working on ecological based projects such as seed collection.*

Managing accounts under sensitive circumstances. **Communication** via email and phone with both the client and the client's customers. Fast-paced navigation and **data entry** of in-house systems. High standards of professionalism upheld to maintain the reputation of the company.

Administration, Data Entry, Processing Bookings, Customer Service, Sales, Stock Take – Administered tourist and course bookings for an ecotourism business in Western Australia. Informed customers of the range of eco events, dive courses and accredited training options. Confidently used Microsoft applications, and in-house systems.

Travelled Europe July – December 2010

Customer Service, Presentation, Public Speaking, Safety - Led guided tours on White Island and demonstrated knowledge and public speaking skills in presenting safety, historical, geographical, and geological facts. Upheld principles of quality customer service by having a genuine interest in people and taking time to understand and meet their needs.

Community Involvement

Western Bay Wildlife Trust

Pest control

2021 - 2022

Shakespear Open Sanctuary Society Inc.

Pest control

2017

Albany Stream Care Group

Working with the council, testing stream site, and determining points of action.

2015

Referees

Provided by request.