



## WELDER

Drew



### EDUCATION:

3 years - 1,500 hours of on-the-job training and 8 weeks of technical training each year.

### JOB DESCRIPTION:

I join metals together. I fix farm equipment and am skilled in structural welding for large production plants. Welders typically have good dexterity and attention to detail, as well as technical knowledge about the materials being joined.

### UNIQUE PART OF THE JOB:

I fix things with flames and travel around in my truck setting my schedule as I want.

### HELP FEED THE WORLD BY:

My welds keep agriculture equipment safe, reliable and efficient.





## AGRONOMIST

Shamie 

### EDUCATION:

10 years - 3 years Soil Science degree, 3 years Masters of Science plus 4 years PhD in Soil Science and Agronomy.

### JOB DESCRIPTION:

My job involves developing the best technologies for growing plants that provide food, feed and fiber. Plants require great care to ensure they grow well and give optimal yield including land preparation, fertilization, weed and pest management. I am dedicated to studying ways to improve agronomic practices and ensure that good fertility is maintained in agricultural soils.

### UNIQUE PART OF THE JOB:

I get to spend a lot of time in the field working with farmers from different regions and countries. I have the opportunity to learn about diverse plants and farming systems, as well as the different cultures and languages of rural Africa.



### HELP FEED THE WORLD BY:

Advising farmers on best management practices needed to grow optimal crops. Plants require nutrients to grow and produce the food that we eat. Careful management of nutrients is required to support food production for future generations.





## EQUIPMENT SALES MANAGER

Robert 

### EDUCATION:

4 years - Bachelor of Science in Mechanical Engineering

### JOB DESCRIPTION:

I am the agricultural sales manager for an equipment dealership. My team supports farm customers with equipment advice, best practices, data interpretation and hands-on field demonstrations. We try to make operations more efficient.

### UNIQUE PART OF THE JOB:

Every day I get to be creative and work with a team of great people. We work directly with our producers to offer equipment and technology recommendations in an effort to make our producers more efficient and profitable.

### HELP FEED THE WORLD BY:

Increasing the efficiency of our producers so that they can grow more food to feed the world.







## ENVIRONMENTAL CONSULTANT

Ashley

### EDUCATION:

6 years - Environmental Technology diploma and Bachelor of Science degree

### JOB DESCRIPTION:

I provide environmental services to assist clients manage and reduce environmental liability. My responsibilities include soil and groundwater investigations, remediation programs, preparation of technical reports and liaison between landowners, clients and regulatory bodies.

### UNIQUE PART OF THE JOB:

I get a balance of working outside to collect data and working in the office compiling, interpreting and presenting data in a useful format. One of my favourite aspects is working with clients and landowners to develop unique solutions for challenging environmental concerns.

### HELP FEED THE WORLD BY:

Sustainable agriculture depends on healthy environments. By protecting the land, air and water we will increase our ability to feed the world while preserving our natural resources.





## VETERINARIAN

Kaylee 

### EDUCATION:

6 years - Doctor of Veterinary Medicine


### JOB DESCRIPTION:

I help all types of animals both large and small. It is my job to help prevent disease, treat illness and injury and care for animals so that they can live healthy lives. I also help ranchers and pet owners learn how to give the best possible care to all of their animals.

### UNIQUE PART OF THE JOB:

My patients aren't able to talk, so we have to use many different methods to help us figure out what is bothering them. It is always very rewarding to help an animal who is not able to help itself.

### HELP FEED THE WORLD BY:

I help feed the world by ensuring that livestock are strong, healthy and cared for in a humane way. Veterinarians also play a role in ensuring that the food acquired from production animals is safe to eat. Keeping these animals healthy ensures that we have an important source of food, fibre, and byproducts that are essential to all of us in our daily lives. 





## NURSE

Sheri



### EDUCATION:

3 years - Nursing diploma, Occupational Health Nursing Certificate

### JOB DESCRIPTION:

Day to day I work at a fertilizer plant to help the workers stay healthy and be the best they can be while they are manufacturing the fertilizer. Our company goal is to have zero work place injuries and I contribute to that goal.

### UNIQUE PART OF THE JOB:

When you think of a nurse you typically think of someone who works in a hospital. This nursing job is a little bit different in that the majority of my time is spent working to keep our employees healthy and not at risk.

### HELP FEED THE WORLD BY:

I work at a fertilizer operation which processes the main nutrients plants need to grow. By looking out for workers' health and wellness, I ensure they are able to do their jobs to the best of their abilities. It takes a team to make the whole process work. I am very happy to be a part of this team.







## AGRICULTURE TEACHER

James 

### EDUCATION:

4 years - Bachelor of Education

### JOB DESCRIPTION:

My job is to educate students about the importance of agriculture. I like to use hands-on activities, stories and props that are fun and easy to understand. I love sharing my passion for agriculture with others.

### UNIQUE PART OF THE JOB:

I never have the same day twice. One day I might be in a classroom teaching, the next day visiting with students and parents at an agriculture trade show or developing agriculture lesson plans for other teachers to use.

### HELP FEED THE WORLD BY:

Sharing my agriculture knowledge with students so they will understand and appreciate the importance of agriculture in their community, country, and world. Agriculture education is vital to ensure our future decision makers are informed, excited and engaged in contributing to agriculture sustainability.







## HUMAN RESOURCES SPECIALIST

Robynn



### **EDUCATION:**

4 years - Bachelor of Arts, Psychology

### **JOB DESCRIPTION:**

We are a busy, growing company and there are hundreds of jobs to fill. My job is to find the best possible talent. I recruit, screen, interview and orientate new people to join our teams.

### **UNIQUE PART OF THE JOB:**

I get to meet new people all the time. The best part of my job is that I get to talk to people – learn about their experiences and understand their career goals – and match that to positions that will help my company grow and contribute to the success of the agricultural industry.

### **HELP FEED THE WORLD BY:**

We have a growing world population and it is critical that there are talented and skilled employees in place to meet this demand. There are thousands of careers available in our industry – have you considered a career in agriculture?





# AGRICULTURAL ENGINEER

Cody



## EDUCATION:

4 years - Bachelor of Science degree in Agricultural and Bioresource Engineering, plus 10 years of work experience.

## JOB DESCRIPTION:

Agricultural Engineers grow with the Agriculture Industry. Understanding basic principles pertaining to soils, crop and animal production, machinery and building design allows for the adoption of high-tech applications to agricultural products, water resource management and alternative energies. I love science and technology and improving the way we do things.

## UNIQUE PART OF THE JOB:

My job allows me to help producers find solutions to a variety of everyday problems. For example, we look at construction permits, building design, nutrient management, energy and water needs and examine new or emerging technology and processes.

## HELP FEED THE WORLD BY:

I'm a professional problem-solver. Each day offers new opportunities to learn and innovate in agriculture.







## **BANK LOANS OFFICER**

Jennifer 

### **EDUCATION:**

2 years - Business Management diploma

### **JOB DESCRIPTION:**

We lend money to farmers and ranchers to buy livestock, farmland and equipment.

### **UNIQUE PART OF THE JOB:**

I am fortunate to work with a wide range of agricultural producers; from multi-million dollar operations to young couples just starting out in Ag. It's very rewarding to contribute to the growth of any family business and to see my clients succeed and grow while doing what they love.

### **HELP FEED THE WORLD BY:**

We play a big part in sustaining the agriculture industry by providing the operating funds that farmers need to produce their crops and care for their animals year after year.





# FARMER

Larry

## EDUCATION:

High School Diploma



## JOB DESCRIPTION:

I run my own grain farm. My job is diverse in many ways. I get to decide what we grow, how we grow it and where we sell it. I also get to stay on the cutting edge of technology with new equipment, GPS, computer software, chemicals and fertilizers and ways to help improve our grain yields.

## UNIQUE PART OF THE JOB:

I am a 5th generation farmer who farms alongside my family. For me, every day is different and it is very rewarding. I love working outside, getting my hands dirty and caring for the land. It is a great way of life!

## HELP FEED THE WORLD BY:

We are the start of the food production process. From planting the seed to harvesting a crop, we inspect the fields every step of the way to ensure soil and crops are healthy.





# PHOTOGRAPHER

Lori 


## EDUCATION:

2 years - Broadcast Journalism diploma

## JOB DESCRIPTION:

I am a self-employed agriculture photographer. My days are comprised of working with and booking clients, taking photos and editing them. With agriculture, it's more than just "snapping photos," it's about capturing images that showcase our industry to the rest of the world. Not everyone is privy to seeing a calf being born or having an aerial view of several combines harvesting in the sunset. I take photos that allow other people into the world of agriculture.

## UNIQUE PART OF THE JOB:

The people I meet and the places I see. I'm invited into situations that most people aren't. I might be in a helicopter one day taking aerial photos and the next, in a snowstorm photographing for a multinational agricultural company. 

## HELP FEED THE WORLD BY:

Showcasing innovation and the people of our industry. I'm not a direct feeder of food, but I help the industry as a marketing tool.



## CHEF

Derek



### EDUCATION:

3 years - Culinary School

### JOB TITLE:

Executive Chef

### JOB DESCRIPTION:

I am the lead chef in my organization's kitchen. Working with my team, we prepare delicious, healthy foods for our customers.

### UNIQUE PART OF THE JOB:

My favorite part is having the ability to create new food concepts for my organization each year.

### HELP FEED THE WORLD BY:

Preparing foods that are healthy and delicious for my customers.







# GRAPHIC ARTIST

Maaike

## EDUCATION:

4 years - Bachelor of Design

## JOB DESCRIPTION:

Graphic Designers are computer artists who help communicate to an audience through visual creations. I design and illustrate for agricultural websites, ads and sometimes app games. I do most of my work on the computer or in a sketchbook.

## UNIQUE PART OF THE JOB:

Being a Graphic Designer lets you explore visual elements like colour, texture, shapes and typography every day. It's a job that can range from designing documents to creating characters.

## HELP FEED THE WORLD BY:

Graphic designers help feed the world by working to captivate you. When an article, website or ad looks nice and is engaging, it is likely because someone like me designed it for you.




## DIETITIAN

Amanda

### **EDUCATION:**

5 years - Bachelor of Science in nutrition and food science and Registered Dietitian professional designation


### **JOB DESCRIPTION:**

I educate individuals about the benefits of healthy eating and how our diet affects our overall health. 

### **UNIQUE PART OF THE JOB:**

I get to talk to people about food! I often discuss cooking methods, tips and healthy recipes.

### **HELP FEED THE WORLD BY:**

Informing individuals about how to choose local, sustainable, affordable food that is grown right in our back yard. I love helping people improve their diets so they can live long, healthy lives. 





## GEOSPACIAL DATA PROVIDER

Owen 

### EDUCATION:

4 years – B.Sc. Geography

### JOB DESCRIPTION:

I fly Unmanned Aerial Vehicles (UAVs) and use satellites to collect remotely sensed data. Once the data is collected, I analyze the imagery to identify poor crop health and diseases in fields. Based on the results, producers can take the appropriate corrective action to improve yields and the overall quality of their crops.

### UNIQUE PART OF THE JOB:

The ability to use new, innovative technology to help producers to grow healthier crops.

### HELP FEED THE WORLD BY:

Providing timely, meaningful information to help producers better manage their operations and make better decisions throughout the growing season.