

# SHAPE YOUR FUTURE

# INNOVATE OUR WORLD

## MEET ISABELLA

AUTOMATION ENGINEER

AGE: 22

COMPANY & LOCATION: **Anglo American,**  
Grosvenor Mine, Moranbah, Qld

**“There are so many opportunities in the mining industry, and you might discover a career that you really like.” – Isabella**



### Where did you study?

The University of Queensland.

### What degree or trade qualification did you receive?

Bachelor of Engineering – Mechatronics Major.

### What interested you in studying to become an automation engineer?

I always wanted to work in a career where I would be able to solve challenging problems and collaborate with many people. I realised that studying mechatronics engineering was perfect for that when I completed my first group project and really enjoyed the process of working with others.

### What do you enjoy most about working in this industry?

I really enjoy the flexibility in my job. Some days I am in the office coding and other days I am underground, so I am always surrounded by different groups of people. One of the great things about the mining industry is that everyone is very friendly, so it is always fun.

### What does your average workday look like?

Programming and Underground work.

### How has this career of choice given you great work/life balance?

I start work quite early which means I always have the afternoon

to relax and hang out with my friends. Since the town is quite small everyone is very friendly, so we are always going out for dinner and enjoying weekends away.

### When you're not at work, what are your interests and hobbies?

I enjoy playing sport and going away on the weekends. I particularly enjoy a camping trip or beach trip on the weekends.

### How do you feel your role in minerals and energy is shaping our future?

My job involves automating the longwall which means improving safety for miners and

increasing the efficiency of underground mining operations. Any increase in safety will always produce a positive impact and increased efficiency will help to improve environmental sustainability in the future.

### What is a piece of advice you'd give to a school leaver looking to study for a career in minerals and energy?

When studying at university or completing your trade, try to complete as many mining internships/ apprenticeships as you can. There are so many opportunities in the mining industry, and you might discover a career that you really like.