



## Work Experience Placement – Case Study: Slava Zhukovskiy, Jnr Mining Engineer

As part of my engineering degree, I was required to gain 12 weeks of work experience at an engineering firm. I was lucky to secure work experience with Terramin Australia. Terramin is South Australian based mining company with upcoming projects in the Adelaide Hills. Throughout my time with Terramin I worked on various projects as part of the prefeasibility study for the Bird-in-Hand Gold project.

I was assigned to work on the mine ventilation study, which included the use of designated software to look at different ventilation options. The study also considered the possible environmental impact the project might have on the surrounding area, and investigated ways they could be mitigated within the scope of mine ventilation. The Terramin engineering team provided me with great assistance and coordination on every step of the project. Working on this project has excelled my knowledge of mine ventilation; I have also gained experience of engineering project workflows. Gaining experience on the job with the assistance of Terramin mining engineers allowed me to gain an insight into what is required to provide safe and feasible solutions.

In addition to the technical work, I was involved with more “practical” work at the Terramin mine sites. I helped the Terramin environmental team with the rehabilitation of the Angas Zinc mine site, and the site preparation of the Bird-in-Hand gold project. It was a great experience to gain exposure to mining sites, as well as observing the mining operations from an environmental management point of view. As environment protection is a great responsibility for any mining company it was valuable to gain experience to how a mining site is environmentally managed.

Working at Terramin allowed me to put knowledge gained throughout my studies into practice, as well as learning from industry specialists. It was great to see how the engineering process works in real life.



Photo by Tom Roschi