

# **Graduate Engineer**

## **Education**

Master of Engineering (Civil) - Flinders University, 2021
Diploma in Engineering and Road Management - Universidad de Piura (Peru), 2011

Bachelor of Engineering (Civil) - Universidad Ricardo Palma (Peru), 2005

## **Professional Affiliations**

Engineers Australia (GradIEAust)

#### **Key Skills / Qualifications**

Road design, proficient with AutoCAD, Civil 3D

Experience in Infraworks 360, GIS and Sidra Intersection

## **Responsibilities and Experience**

Rider is a civil engineer with 17 years of work experience. Most of his experience is related to road design and has experience in a mining site.

### Rider's areas of expertise include:

- Road design from concept to detailed designs in rural and urban roads
- Signage, road safety and barrier design
- Roadway inventory
- GIS map generation

Projects that Rider has been heavily involved with include:

- Nangkita Road Blackspot Safety Improvements, SA (Detailed Design)
- Kent Street & Wear Avenue Roundabout, SA (Detailed Design)
- Two Shared User Paths, and On-Street, Indented Parallel Parking Bay, VIC (Detailed Design)
- Road design of rural and urban roads (Peru)
- Construction of the tailings dam for Chinalco Mining (Peru)
- Alto Maipo Hydroelectric Project (Chile)
- Pre-feasibility Studies of Railway Corridors (Chile)

#### **Employment Summary**

Mar 2021 - Present	Graduate Engineer, HDS Australia Pty Ltd
Jan 2016 - Aug 2019	Signage, Road Safety, and Roadway Inventory, HOB Consultores SA (Peru)
Feb 2014 - Jan 2016	Road Design, Geodata Engineering (Peru/Chile)
Jul 2011 - Jan 2014	Cost and Valuation Assistant, Stracon GyM Mota Engil Joint Ventura (Peru)
Apr 2011 - Jul 2011	Infrastructure Specialist, Desarrollo Vial de los Andes Toll Road (Peru)
Aug 2005 - Dec 2010	Graduate Civil Engineer (Peru)



