

POSITION TITLE: Geospatial Analyst

LAST UPDATED: May 2019

LOCATION: Canberra, ACT

Ready to join a transformational team working at the forefront of location data intelligence? It's an exciting time to be part of the growing PSMA team, and this is a unique opportunity to grow your career in a fast-paced entrepreneurial environment.

ABOUT THE ROLE

The Geospatial Analyst works within the Industry Solutions Squad. The Squad's purpose is to design, collaborate and execute both the commercial vision of PSMA's direct to market offerings and own the development of the technical solutions required to do so. The key focus of this role within the squad will be to bring industry leading data analysis techniques into the development and enhancement of PSMA data products. PSMA's Geoscape product is an industry leading dataset describing the built environment of Australia. To ensure this product continues to deliver exceptional customer outcomes you will apply your skills to assist with its continued production and development.

The Geospatial Analyst will provide input into the ongoing development and production of national spatial data products. This will involve:

- Working within the multi disciplinary production team to produce industry leading data products
- Analysis and quality assurance on data both going into the production process and output as a product
- Modifying existing, and developing new production processes.

To effectively deliver quality location related products to the market you will be required to engage with PSMA's stakeholders, as well as internal experts including:

- Product Managers
- Design Engineers
- Technical Architects
- Developers
- Production Engineers
- Operations and Support teams.

The role is integral to ensuring PSMA's reliable, timely and accessible location data is central to the success of the data economy.

WHO WE'RE LOOKING FOR: ATTRIBUTES

We need a critical thinker and problem-solver who is technically savvy, with a desire to create efficiency and make a difference. From your first day, you'll bring:

- an insatiable professional curiosity and desire to improve your knowledge
- a positive can-do attitude and integrity in your decision making
- a focus on accuracy, efficiency, confidentiality and timeliness in carrying out all duties
- the ability to manage work with initiative and leadership
- the ability to communicate complex concepts in plain language
- a reliable and flexible approach to workload and deadlines
- a collaborative and respectful approach to your dealings with colleagues, customers and suppliers.

Importantly, we need you to be a role model of PSMA values and enhance our already impressive [team culture](#).

WHO WE'RE LOOKING FOR: QUALIFICATIONS

It's desirable to have tertiary-level qualifications in geospatial science, data science or a related discipline or experience in an equivalent environment.

WHO WE'RE LOOKING FOR: SKILLS

To complete the package, you'll need skills and experience in:

- GIS and Geospatial analysis and concepts
- Geospatial data and geospatial data infrastructure
- Relational database software such as Postgres, Oracle
- SQL querying
- Working with QGIS, ESRI, FME or an equivalent GIS software suite

Highly desirable skills and experience include:

- Python scripting
- Working with remotely sensed data
- Working in an Agile development team, particularly writing user stories
- Amazon Web Services (AWS) or equivalent cloud computing platform
- Verbal communication and clear written documentation
- Working autonomously as well as part of a team.

PSMA: JOIN OUR TEAM OF INNOVATORS

Data was once an abstract idea. Today it's woven through our lives, linking the physical and the digital, informing the choices we make in rapidly evolving social and geographical landscapes.

PSMA Australia is a trusted source of accessible location data, and an independent and self-funded company owned by the governments of Australia.

Promoting innovation is our cause. In the data-driven economy, our data powers new technologies, products and processes, improves productivity and stimulates economic growth.

With a history of collaboration and a culture of shared thinking, we push beyond what we know today to approach new challenges with a fresh perspective.

The result? For businesses and governments, the data required to make better decisions. For our people, the chance to build a meaningful career solving real-world problems.

Are you ready to join us?

Our Values

Passionate about people. We're passionate about making a difference and putting people first in the decisions we make.

Proven knowledge. We have a continual thirst for knowledge, experts who are always looking to learn.

A leader's mindset. We're agile and nimble, leading the way through our innovative and creative thinking.

Respectful collaborators. We're respectful, optimistic and encouraging, celebrating diverse backgrounds and perspectives.