



## Intermediate Developer

SOLV3D is seeking an experienced Developer to assist with the enhancement and expansion of our Software as a Service (SaaS) applications. The developer will be a vital contributor to the team with responsibilities that include but are not limited to the following:

### Responsibilities

- Design and implement a new machine learning based module for the SOLV3D engine application
- Produce highly reliable and available software, built with best practices and standards, following an agile development methodology
- Collaborate within business teams to ensure development and architecture meets customers' high expectations
- Communicate within the organization on all aspects of the software development process
- Based on experience, provide mentorship to other development team members with regards to coding standards and practices
- Apply their experience and expertise to provide input to SOLV3D's software development team in the design, development, testing and maintenance stages of software development

### Qualifications

The successful candidate will have the following minimum qualifications and experience:

- 3+ years of experience collaborating and working on software development projects
- Bachelor's degree or higher in computer science/applied mathematics/GIS-related or relevant field
- Solid track record of managing and delivering enterprise or start-up SaaS applications
- Experience working on all levels of the technology stack – database, business logic, frontend, testing
- Knowledge and experience with Git, Python, JavaScript, MySQL/MariaDB, HTML and CSS
- Experience designing and developing machine learning and deep learning systems
- Experience working in an Agile environment, particularly Scrum
- Experience with unit testing, integration testing, and TDD
- Experience working with cloud providers, particularly AWS using S3, EC2, and RDS

The following skills would be considered an asset:

- Thrives working in a start-up environment – ability to wear multiple hats including taking tasks outside of the development realm
- Knowledge of Surveying, Geomatics or GIS industries
- Experience with point cloud (mobile, terrestrial, UAV, synthetic) data manipulation
- Experience with C#
- Experience designing DevOps pipelines, particularly automatically deploying code and running tests
- Experience with Kubernetes or Docker
- Good interpersonal communication skills, written and oral
- Ability to work well independently, as well as part of a team



## About SOLV3D

We are a young, dynamic start-up based in in Calgary, Alberta looking to set the geomatics software world on fire with our processing, visualization and collaboration applications. We were founded on the need for professional-grade point cloud processing toolkit.

Our first product, SOLV3D engine™, was born of that need, and enables users to optimize their point cloud data for effective use within their applications and workflows.

Our follow-on product, SOLV3D encompass™, addressed the need for a simple, easy-to-use, web-based viewer for geo-referenced data. It gives users the ability to merge together a myriad of geospatial datasets within a web-based environment and enables all stakeholders to easily gain situational awareness and work together on their projects and/or AOIs, regardless of geographical location or level of expertise.

We value collaboration, resourcefulness, proactivity, self-initiation, and creativity. If you also value these attributes, and are an experienced Data Scientist/Developer with our preferred qualifications, then send your resume to: [careers@solv3d.com](mailto:careers@solv3d.com)

We thank all applicants, but only those being considered for an interview will be contacted.