



Senior Data Scientist/Developer

SOLV3D is seeking an experienced Senior Data Scientist/Developer in our Calgary office to assist with the enhancement and expansion of our Software as a Service (SaaS) applications. The Senior Data Scientist/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:

- 6+ 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@sol3d.com

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