

Intermediate GIS Specialist

Status: 4 month contract 4 days/week (with potential to become full-time permanent)*
Location: Vancouver BC

ESSA Technologies Ltd. (ESSA) is an employee-owned Canadian environmental consulting company with offices in British Columbia and Ontario. For over 35 years, ESSA has been tackling, reducing and resolving complex natural resource and environmental management problems in over 40 countries around the world. ESSA's mission is to bring together people, science and analytical tools to sustain healthy ecosystems and human communities. We accomplish this mission by working collaboratively in a manner that is professionally fulfilling and healthy. At ESSA, we are passionate about what we do and enjoy working with professionals who share our values and mission. ESSA is conveniently located on Granville Street near West Broadway. Learn more about us at www.essa.com.

The Opportunity

To strategically deliver high quality results for our clients during periods of high volumes of work, we are reaching out to highly motivated, skilled, experienced GIS Specialists to assist our team in Vancouver, BC.*

Responsibilities Include:

- Working on highly innovative projects related to geospatial problem solving in aquatic and terrestrial ecosystem sciences, climate change adaptation and disaster risk reduction
- Designing and implementing geo-processing and data synthesis solutions
- Creating cartographic products and infographics for reports or presentations
- Developing web mapping solutions
- Collecting, organizing and maintaining geographic data
- Quality controlling, reviewing and cleaning data
- Creating and maintaining technical documentation, methods documentation, and metadata
- Staying abreast of technology trends and providing recommendations, input and advice on how these may enhance the services we offer our clients.
- Assisting staff with research projects, which may involve literature reviews, workshop preparation and analytical support

Education and Experience

You possess a Master's degree in an environmental discipline (preferably ecology) with a post-secondary certification in GIS. We will also consider candidates with a Bachelor's degree and post-secondary certification in GIS. Candidates *must have a minimum* of 3 prior years of GIS experience in the private sector inclusive of:

- Proficiency working with ESRI ArcGIS 10.x desktop tools
- Proven knowledge of geo-processing and cartographic principles
- Competency writing code to automate GIS tasks or manipulate data (e.g., Python, R)
- Data management/manipulation skills (general SQL, Microsoft Excel and Access or equivalent at a minimum)
- Competency with ArcGIS 10.x server side tools: ESRI ArcGIS Server, ESRI Web APIs, and/or open source web GIS platforms (OpenLayers, GeoServer, or equivalent)

Skills and Attributes

- Versatile; desire to learn new technologies and expand your areas of expertise
- Ability to work collaboratively in interdisciplinary teams
- Proactive and results oriented, with strong problem solving and analytical skills
- Ability to analyze and query GIS data with meticulous attention to detail
- Ability to work on multiple projects, set priorities, and meet rigid deadlines
- Excellent English communication skills are essential

Assets

- Experience in utilizing HTML5 and JavaScript for the purposes of developing GIS web applications
- Experience with PostgreSQL/PostGIS and SQL Server
- Experience developing applications using .NET framework
- Spanish language skills would be an asset

Applying

We provide competitive compensation -- subject to experience and qualifications. We welcome candidates looking for an opportunity to work on interesting and challenging projects with a welcoming team of highly skilled professionals. Please email a cover letter and résumé to careers@essa.com with “GIS Specialist” in the subject line. To meet our current project needs, the first assignment will ideally begin April 20, 2015 (candidates interested in this first initial opportunity should submit their resume by **April 7, 2015**).

***If you are not able to meet this initial timeline, we still want to hear from you!** We are looking to connect and build an ongoing contract relationship with several of the best GIS Specialists that are able to help us deliver high quality results for our clients during crunch periods. Only short-listed applicants will be contacted for an interview. In accordance with Canadian law, preference will be given to Canadian citizens and Landed Immigrants.