



# Avia-GIS – Numerics C# Developer

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## Job Context

Avia-GIS is a leading company specializing in the collection, processing and analysis of spatial data in the field of animal and human health. Innovation and International are keywords at our company.


As Numerics C# Developer you will become part of our dynamic team of 5 IT staff, contribute to the development of advanced mathematical and statistical spatial modelling solutions, and take responsibility for the establishment and maintenance of a satellite imagery processing chains.

## Job description

- Through the use of a mathematical software platform you add mathematical and statistical spatial modelling algorithms to our software products.
- You come up with and seek out new algorithms and solutions.
- You will set up and maintain a satellite image processing chain that will produce data products that we provide with our premium software products.
- You assist with the execution of various IT related tasks, including: software and hardware management, on-premise and in the cloud; development and maintenance of our software products and databases; providing advanced IT support to colleagues and customers; perform advanced IT tasks in support of business unit projects.
- You work in a variety of programming languages and development tools that contribute to our desktop, mobile and web software products.
- You are driven to learn and follow up on new applications and technologies, and always on the lookout for new high quality solutions.

## Your profile

- You are passionate about IT and math.
- You graduated with a bachelor's or master's degree in computer science.
- Some years of work experience is appreciated, but not required.
- You have an analytical mind that likes to come up with new solutions.
- You are familiar with the concepts of best practices of programming.

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- You like to work independently as well as in a team.
  - You are fluent in spoken and written English.
  - You are stress resistant.

## Technical skills

- Your skills:
  - C# 6 .NET 4.5+ Windows Forms desktop development
  - Visual Studio 2015
  - ILNumerics, or similar
  - R
  - Mathematical and statistical modelling
- Bonus skills:
  - SQL or NoSQL
  - Couchbase, N1QL
  - GIS use or development, DotSpatial
  - Relational databases, PostgreSQL, SQLite
  - MATLAB
  - JavaScript, NodeJS, JSON
  - JIRA Software

## What we offer you

- A young vibrant environment in a growing company
- Many opportunities to grow and develop
- Attractive salary and fringe benefits

This vacancy will remain open until it is filled.

Please send your letter of motivation and resume to:

- [bdegroot@avia-gis.com](mailto:bdegroot@avia-gis.com) (IT Director), and to
- [lvangorp@avia-gis.com](mailto:lvangorp@avia-gis.com) (HR).