

**OPPORTUNITY:** Graduate Actuarial Software Developer

**LOCATION:** Stellenbosch, South Africa

### LIFE AT DYNAMO

Dynamo Analytics is an actuarial consultancy and software provider, established in 2012, in London. We are now a team of more than 50 employees across the UK, France, South Africa, Norway and Australia.

There are two key components to the business; our consulting team advises our clients on actuarial, financial and statistical modelling, and our software team continues to develop our innovative enterprise modelling platform, Psicle. This allows us to provide our clients a unique and complementary offering of a software solution and actuarial advice, and our teams work closely together across geographies to deliver these.

Being a close-knit team allows everyone to have a truly meaningful role, with the opportunity to add real value to both our clients and our growing business. Our team tell us that our people, their talent, expertise, collaboration and the work itself, is what makes Dynamo a rewarding and enjoyable place to be.

### THE OPPORTUNITY

This role is suited to a bright and talented graduate with understanding of functional programming. The individual will contribute to developing the company's modelling technology platform, Psicle, alongside a small team within Dynamo. This role offers a unique and non-traditional career path with study support an option for those wishing to qualify as an actuary.

The role is based in our Stellenbosch office and involves the following:

- Assess and identify needs for automating calculations and data manipulations within models.
- Design and code algorithms in a functional programming style (F#) to solve modelling problems.
- Contribute to our reserving, capital and data analytics modelling tools codebase.
- Assist consultants working at Dynamo in implementing new modelling tools.

### REQUIRED SKILLS, EXPERIENCE AND ATTRIBUTES

As an entry-level junior developer this role is open to graduates who can demonstrate capability to learn quickly and have a passion for technology. We are looking for an individual who has:

- A maths, actuarial, engineering, statistical or computer science degree (with a Merit or above preferable).
- Able to offer examples of capability in being able to dive deep into a complex logical problem.
- A good understanding of general coding principles and concepts, experience working with F# or other functional programming languages is advantageous, but not essential.
- A proven ability to use your core skills and knowledge to solve problems outside of your experience.
- Comfortable interacting with a mix of professionals and clients from diverse backgrounds.

- A strong self-starter, able to demonstrate intellectual curiosity, inquisitiveness within your work and an enquiring mind to the application of others.
- Cares deeply about helping the team succeed and about delivering a high-quality work product to the client.
- A passion for the role that technology can play in businesses, demonstrated through either formal studies in computer science/data analytics, or through hobbies such as coding.

## TEAM FIT

Our values are simple: Expertise, Entrepreneurialism, Selflessness, Heroism and “#ClientLove”. These basic attributes add up to create a driven, motivated and engaged team.

We don't have a typical 'Dynamite' type, and having an identikit team is not what we aspire to. However, there are a few things we do have in common.

- We value having deep expertise and broad knowledge of an area, and rely on our collective expertise to add value to our clients.
- #ClientLove instantly resonates with every one of us in the team, and we each strive to deliver the best possible experience for each client.
- We all want to be a part of something disruptive and new, and want to add our knowledge and skills to shape the way.
- Working with others is our preferred style of getting things done; we're a tightly knit team and help each other constantly, we recognise the uniqueness of all, which combined, together, is what enables exceptional delivery.
- We're self-starters through and through.
- #EmployeeLove, our people are deeply humble humans, that together achieve outstanding success.
- We value drive and tenacity, for the things our people are passionate about – we call this the Dynamo “Spark”.

## HOW TO APPLY

If you feel that you could be a good fit for our team, please send your CV and a cover note to [careers@dyna-mo.com](mailto:careers@dyna-mo.com).

Recruitment is a two-way process, so we'd love to know what you are looking for in your next career move and why this role is of interest to you.

Closing date for applications: 31 October 2021