



# AEROTHERM

## Employment Opportunity

**Position:** CFD Engineer (Pre and Post Sales Consultant)

**Required Qualifications:** Mechanical Engineering degree (B.Eng, M.Eng, MSc.Eng, PhD)

**Experience Level:** Newly Graduated (0 years)

**Job Type:** Full-time

**Position Location:** Pretoria

### About the role

We are searching for a recently graduated individual with a keen insight into fluid flow and thermodynamics to be appointed as a Junior Engineer with the intent to become a CFD Engineer. The role aims to perform numerical fluid dynamic and heat transfer analyses for various applications in the automotive, aerospace, marine, energy, and other industries.

Job functions will include performing model preparation and solution monitoring of the CFD analysis, critical analysis of the results and preparation of technical reports.

The engineer will interact with customers throughout projects. In addition to working in our offices, opportunities will exist for travel to work directly with our clients.

### Skillset requirements

- CFD experience (any software, preference is Siemens Simcenter STAR-CCM+)
- 3D CAD modelling experience (any software)
- Independent working to resolve problems with the supervision of management.
- Problem-solving skills applicable to CFD modelling and general engineering problems
- Technical writing of project reports
- Professional communication with clients
- Basic computer hardware and software

**Please submit your CV and full academic record to:**

[c.dewet@aerotherm.co.za](mailto:c.dewet@aerotherm.co.za)

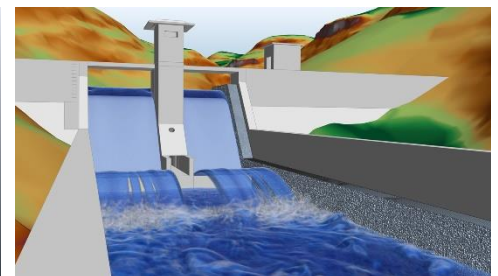
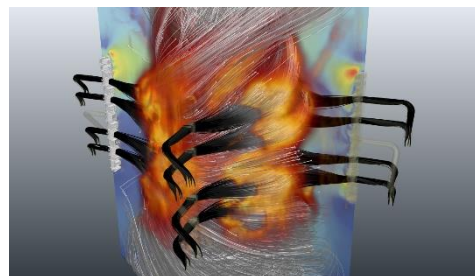
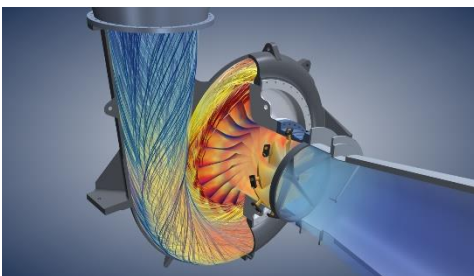
[www.aerotherm.co.za](http://www.aerotherm.co.za)

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*Mission Statement: Use advanced CAE simulation as a practical engineering tool*