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## Student Internship CAE Engineer

Elsyca ([www.elsyca.com](http://www.elsyca.com)) is your engineering innovation partner of choice for corrosion engineering and corrosion resistant design, cathodic protection & AC mitigation, as well as for surface finishing and electrochemical manufacturing. With a powerful combination of a unique computer simulation technology and practical engineering skills, Elsyca is capable of designing, modeling, simulating and optimizing the complete range of electrochemical processes.

For the further expansion of its engineering team, as a student internship, Elsyca is searching for a CAE engineer

### Description

The successful candidate will be part of the engineering team.

The internship tasks will include:

- Creating 3D computational models for CAE simulations from customer input data
- Executing computer simulation with Elsyca's own software and/or 3<sup>rd</sup> party software tools
- Communicating and collaborating as team member in the engineering team
- Interacting with other Elsyca departments/teams to provide engineering support to their activities
- Reporting to the regional team manager





## Location

Position is filled at the Romanian office, located in Cluj-Napoca.

## Profile

The ideal candidate will:

- Be a BS, MS student in Electrical Engineering, Chemical Engineering, Physics or any related engineering, mathematics or science discipline
- Have strong affinity to work with computer software (in general)
- Have excellent problem-solving skills
- Be fluent in English (spoken and written)
- Have good communications skills
- Be a fast learner
- Be able to work as an independently and as part of a team
- Be able to work with tight deadlines
- Demonstrate good attention to detail
- Be willing to travel

Preferred candidates will show:

- Electrochemical knowledge of electrodeposition, cathodic protection and corrosion
- Experience with CAD systems, such as SolidWorks®
- Experience in FEM modelling (Understanding of computational meshing)
- Knowledge of additional business relevant languages

## Offer

Elsyca offers you a challenging and varied job content. You will be part of a young, dynamic, and fast-growing company with international activities and ambitions. Attractive salary, in line with your experience and contribution.

## Contact

If you have any questions or if you would like to apply, please don't hesitate, and contact Mr. Marius Purcar, by email to the address [marius.purcar@elsyca.com](mailto:marius.purcar@elsyca.com), **before 15 Feb. 2022**.

