

Software Engineer II – AI Meshing

Location: Thessaloniki, Thessaloniki



Join BETA CAE Systems, Greece, as a Software Engineer II and become part of Cadence Design Systems, the pivotal leader in mechanical and electronic systems design.

Leveraging Cadence's Intelligent System Design strategy and BETA CAE's innovative engineering solutions, we deliver advanced products that empower some of the world's most forward-thinking companies across diverse industries such as consumer electronics, hyperscale computing, communications, automotive, aerospace, and healthcare.

In this role, you will contribute to shaping the future by collaborating with cross-functional teams across both companies to develop and promote impactful products and strategies. Joining us means becoming part of a dynamic and evolving environment where teamwork, innovation, and a global perspective drive our continued success and leadership in the industry.

Your day-to-day tasks will include:

- Develop software solutions for geometry processing and meshing applications
- Design and implement solutions using C++ and Python on Linux/Windows platforms
- Train and deploy AI models
- Analyze, design, and solve complex algorithmic problems
- Develop intuitive and efficient user interfaces
- Maintain, optimize, and enhance existing codebases

Qualifications you need to have:

- University degree in Engineering, Physics, Mathematics, Computer Science, or a related field
- Strong analytical and algorithmic problem-solving skills
- Solid programming knowledge in C/C++ and Python
- Knowledge of AI/ML, especially Deep Learning (e.g. Transformers, GNNs).
- Very good command of English

Qualifications that will be considered:

- Knowledge of Data Structures and Algorithms
- Familiarity with Computational Geometry

- Familiarity with ML libraries for Python, like TensorFlow, PyTorch, scikit-learn, NumPy, Pandas, SciPy, etc
- Understanding of Numerical Analysis techniques
- Knowledge of Finite Element Methods (FEM)
- Experience with CAD/CAE software

Professional Competencies:

- Ability to communicate complex technical concepts clearly and effectively
- Strong teamwork and collaboration skills
- Ability to work constructively in a multidisciplinary and fast-paced environment

What we offer:

- Permanent employment contract following a six-month evaluation period
- Competitive salary package
- State-of-the-art and continuously updated equipment (hardware and software)
- Ongoing training in the latest technologies related to the field
- Opportunities for professional growth and skill enhancement
- Private health insurance
- Employee Assistance Program
- Complimentary breakfast and lunch at the company dining hall
- Company-provided transportation to and from the premises
- Fully equipped on-site gym Kato Scholari
- Participation in the company's Private Pension Fund (T.E.A.)
- Ample parking facilities with electric car charging
- Comfortable and modern working environment