



GLOBALFOUNDRIES®

Trainee - Electronic Design Automation in Microelectronics

Shaping the future with innovation and smart technologies our growth offers development opportunities for your career

GLOBALFOUNDRIES (GF) is the worlds leading specialty foundry. Our Sofia based team will enhance GFs scale and capabilities, while strengthening competitiveness of its specialized application solutions to further position the company for growth and value creation.

Our Design and Technology Enablement teams are working on the development of a broad portfolio of semiconductor technologies ranging from 350 nm down to 12nm including FD-SOI, RF, High-Voltage and automotive applications.

We are looking to hire a significant number of additional talent for the Bulgaria Team in Sofia immediately.

Student Trainee - Electronic Design Automation in Microelectronics

The primary mission of the EDA department is the development and verification of Design Kits for different CMOS, RFCMOS and BiCMOS processes for design and manufacturing of integrated circuits. We are sustaining a trainee program with primary purpose to introduce young talented individuals to modern EDA tools and technologies and prepare them to work as CAD engineers in the field of micro- and nano-electronics.

Currently, we are looking to fill open positions in our trainee program. The candidates should be students in Electrical Engineering, Physics, Computer Science, Telecommunications or equivalent.

Technical Competencies:

- Good knowledge of electronic devices and semiconductor theory.
- Some programming language background (i.e. C/C++, Perl, TCL)
- Previous experience with CAD systems (Cadence IC, Cadence OrCAD, Protel or similar) is a plus;
- Previous experience with circuit simulators (PSpice or similar) or mathematical software (Matlab, Mathematica) is also a plus.

Co-op program details:

- 20 h/week aligned with university schedule
- Monthly Scholarship
- 1 - 1.5 years duration