



# TUSK IC

## Internship – Summer Job – Master thesis

At Tusk IC, we're always looking for bright students with an engineering or science background to help us develop the next generation of mmWave integrated circuits. If you are interested in electronics and would like to experience the excitement of a young startup, get in touch! Together we can work out an interesting topic for an internship, summer job or master thesis.

### **A few examples of possible topics:**

#### RF and mmWave IC design

- Design and layout of core mmWave/THz circuits such as power amplifiers, LNAs, mixers, antennas in CMOS, SiGe or III-V
- Design of mmWave PLLs
- Implementing built-in self-test for mmWave circuits in CMOS

#### EM modelling, microwave design

- Study and comparison of packaging strategies for mmWave ICs

#### Software development

- Expand and develop our proprietary in-house mmWave design software

#### Work environment

Tusk IC is a fabless millimeter wave IC design company, located in Antwerp, Belgium. Founded in 2018 as a spin-off from the KU Leuven, it is a growing start-up at the leading edge of mmWave technology. We have an international team and value collaboration, clear communication and technical excellence.

With 5G, 60GHz communication, imaging and self-driving cars all relying on mmWave to break through, Tusk IC provides state-of-the-art design solutions for integrated circuits from 3GHz to 300GHz and beyond in CMOS and SiGe technologies.

Come and join us in surfing the mmWaves!

#### Contact information:

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