

## Predicting vulnerabilities in software

✓ Do you want to develop novel Machine Learning solutions for cybersecurity?

### Tasks:

- Use state-of-the-art algorithms, like Generative Adversarial Networks (GANs) to find or predict vulnerabilities in software, based on multiple features.

### Requirements:

- Good knowledge of C and/or Assembly.
- Fluency in a higher level language (e.g. python).
- Basic knowledge of machine learning and/or statistics.

### Contact:

- Nikolaos Alexopoulos ([alexopoulos@tk.tu-darmstadt.de](mailto:alexopoulos@tk.tu-darmstadt.de))
- Carlos Garcia Cordero ([garcia@tk.tu-darmstadt.de](mailto:garcia@tk.tu-darmstadt.de))

