Software Engineer*
full-time or part-time, permanent employment

DCSO, founded in November 2015 by the companies Allianz SE, BASF SE, Bayer AG & Volkswagen AG, has the goal of creating an innovative competence center, a platform for cooperation and a forum for cyber security.

Have you ever wanted to develop something that truly matters?

The success of Germany's industry depends, in part, on its ability to defend against cyberattacks carried out by organized crime or state-sponsored threat actors. While attackers improve their specialization and effectiveness through division of labor, defenders need to be able to thwart any kind of attack. Defenders suffer from significant strategic and operational disadvantages. DCSO's Threat Intelligence services help clients reduce these disadvantages by leveraging the power of collaborative defense in combination with comprehensive analytics and contextualized threat intelligence. DCSO's Threat Detection and Hunting service operates managed network security monitoring sensors in our customers' environments. We focus on timely detection of targeted attacks in late kill chain phases by combining network visibility, tailored threat intelligence, and analytics. The solutions are developed in-house, primarily based on open source technologies. We also give back to the open source community by maintaining packages, providing fixes, publishing code, and sponsoring events.

We are a culturally diverse and interdisciplinary team of security experts who provide relevant threat intelligence and network security monitoring to our customers and the security community at large. We are looking to embed a new software development team within our Threat Intelligence team and to expand the existing development team for our Threat Detection and Hunting services. Therefore we are looking for motivated new team members to join our mission.

Tasks

Examples of projects you can expect to be a part of:
- 1) Improving our internal data analytics back-end.
- 2) Developing user interfaces for customer facing products and open source security software.
- 3) Improving our internal tooling for automated tracking of attacker groups.
- 4) Developing tooling for our analyst team to support investigations.
- 5) Contributing to our customer portal micro-services.

Day-to-day team duties:
- 1) Groom new ideas with the team and find the best solution for our customers.
- 2) Prepare and document software for deployment on our private cloud.
- 3) Improve test coverage and code quality.
- 4) Be part of our team planning meetings and agile work philosophy.
- 5) Promote secure coding standards.

Key Skills

- Degree in Computer Science or related technical field, alternatively equivalent practical experience.
- We are looking for engineers with different areas and levels of expertise.
- We follow agile development approaches, so prior experience with agile methodologies would be appreciated.

*Gender, roots and religion - people of all backgrounds are potential fits for our diverse team

- Candidates must be proficient in at least one of our current core technologies/frameworks:
  - If you are front-end focused: JavaScript, React.
  - If you are back-end focused: Golang, Python 3, Django.
  - If you are data focused: Common machine learning frameworks like TensorFlow, Python 3, R, and Jupyter Notebooks.
  - For all: Be comfortable in a mostly Linux-driven environment.
- Creativity and "getting things done" attitude.
- Interest in security and open source software.
- Ability to apprehend new concepts and learn new technologies.
- Understanding that secure software is a quality dimension.
- Proficiency in English and/or German is a plus.
- Comfortable working collaboratively in interdisciplinary teams.

Our offer

- A full-time, permanent employment contract in a rapidly growing company
- An exciting and unique service portfolio in a highly dynamic market
- The opportunity to play an active role in shaping processes and systems
- The promise of challenging activities in a highly qualified and dedicated team
- Thorough induction training
- An agile work philosophy

We are looking forward to a detailed application. Please include your earliest possible start date and salary expectations and send to: bewerbung@dcso.de.

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