

Being an IT security consultant at secunet
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IMS Alumni Benjamin Tams presents industry applications and career opportunities. He will introduce his field of work and his career path to students of mathematics and computer scientists.

Abstract

Building up a secure IT system from the scratch is a challenging task requiring from the team skills in software engineering and a solid background in cryptography. State-of-the-art solutions to achieve security are based on specialized devices so-called hardware security modules (HSM) that need to be configured and operated in the right way. Upon integration and conceptualization of new functionalities in a secure IT system designers have to be considerate of the existing data protection requirements. The talk gives an overview of the everyday work life of a IT security consultant and shows career opportunities for graduates in mathematics and computer science.