

# TANGUY GERNOT

(+33)699467565 ◊ tanguy@gernot.fr

## ACADEMIC TRAINING

---

<b>Université de Caen Normandie, GREYC lab, Caen</b>	<i>October 2019 - Present</i>
Phd : Security of biometric data transformations	
<b>Université de Caen Normandie, Caen</b>	<i>2017 - 2019</i>
Master's degree, computer systems security	
<b>Université de Caen Normandie, Caen</b>	<i>2014 - 2017</i>
Bachelor's degree, computer science	
<b>Lycée Yourcenar</b>	<i>2014</i>
High school diploma	

## CARRIER OBJECTIVE

---

Become associate professor at the University in computer systems security.

## PROFESSIONAL EXPERIENCE

---

### **February to August 2019 : 6-month internship in 6cure's R&D department**

Study of the deployment mechanisms of countermeasures against DDOS attacks or data theft.  
State of the art in the field of selection of countermeasures according to volumetric and criticality data.  
Implementation of a prototype aggregating and analyzing volumetric data to help with mitigation.

### **March to May 2017 : 8-week internship at GREYC laboratory (eCover project)**

Implementation of end-to-end encryption (state of the art and creation of a protocol adapted to the subject) and high availability architecture.

### **2015 - 2019 : University project**

Development of an end-to-end encrypted professional social network with a new protocol.  
Writing a scientific article on these end-to-end encryption projects.

### **Since 2016 : Freelancer**

Bug bounty, challenges, cloud, scripting, development.

## COMPUTER SKILLS

---

<b>Cryptography</b>	Asymetric and symmetric
<b>IT security</b>	SQL injection, bug bounty, challenges, kali linux
<b>Technical skills</b>	Virtualization, SQL, no-SQL, Python, web, routing, network, firewall
<b>Theoretical skills</b>	Biometry, algorithmic, complexity, information theory, algebra, statistics

## HOBBIES AND PERSONAL TRAITS

---

Card game

Astrology

Curious