

# Lukas Grams

born Sept 20th, 1994 in Düsseldorf, Germany

Residence: Rosenheim

Tel : +49 151 6519 6156

[ [Xing](#), [github](#), [linkedin \(de\)](#), [linkedin \(en\)](#) ]

Mail : [lukas.grams.info@gmail.com](mailto:lukas.grams.info@gmail.com)



## JOBS

---

- **Cyber Security Architect** 2021 – present  
*IU Group N.V. - EduTech-Company in the education sector* Munich
  - Internal stakeholder, ambassador, and advisor for security topics in all business areas and technical teams at operational, conceptual, and leadership levels
  - Presenting and reporting on security topics in workshops, steering committees, and on conferences
  - Building and expanding the 'Cyber Security Services' team and its internal portfolio: SOC (Azure Sentinel, AWS GuardDuty), Incident Response, Security Awareness Programm, Vulnerability Management (Subnet- und Pipeline-Scans, EAM), SDLC (SAST & DAST), Pentests, Bug Bounties, Audit Response, and Due Diligences for the company and M&A activities
- **Penetration Tester, Security Consultant** 2019 – 2021  
*Atos Information Technology Solutions - Managed Security Service Provider* Munich
  - Design, planning, and implementing new services: Penetration tests & Security Architecture Consulting for container environments, cloud-hosted and on-premise
  - Independent planning and execution of penetration tests, security (architecture) consulting, and security-by-design projects for and with Atos customer
  - Focus on Microservices, Container (Clusters), CI/CD Pipelines, Cloud Environments (AWS, Azure), Single-Page Applications, Linux Servers
- **Junior IT Security Consultant** 2019  
*HvS-Consulting - Service provider for security consulting & assessment* Garching
  - Operational work in pentesting and social engineering
  - Supporting ISO27001 certification lead-up
- **Technical Specialist im Vulnerability Management** 2018  
*Fujitsu Technology Solutions - Managed Security Service Provider* Munich
  - Developing tools, systems, and processes for automating vulnerability management analysis and alerting
  - Technologies used: Docker, Git/GitLab, Ruby, Shell Scripts, Ubuntu, RHEL, Elasticsearch, Logstash, Kibana, Kolide Fleet, Osquery
- **Tutor & Teaching Assistant (Programming 2, Algorithms & Data Structures)** 2017 - 2018  
*Rosenheim University of Applied Sciences, Faculty of Computer Science* Rosenheim
- **Support Engineer (2nd Level Support)** 2015  
*Cancom NSG GmbH - IT Service Provider* Munich
- **IT Systems Electronics Technician (Printer Service & Support in Field Service)** 2011 - 2014  
*Cancom GmbH - IT Service Provider* Munich

## EDUCATION

---

- **Bachelor of Science in Computer Science** 2015 – 2019  
*Rosenheim University of Applied Sciences, GPA: 1,6* Rosenheim
- **Vocational Training IT Systems Electronics Technician (IHK)** 2011 – 2014  
*Vocational School Munich, GPA: 1.0* Munich

## PROJECTS

---

- **Private Project Connected Home:**

Setting up a private Docker setup for AdBlocking, VPN, password manager, and media streaming with Raspberry Pi, HypriotOS, Docker, PiHole, openVPN, KeePass, and OpenPHT

- **Kubernetes Attack & Defense:**

Identifying and evaluating attack vectors and defense measures in distributed container environments and deriving prioritized risk management measures based on Docker, Kubernetes, OpenShift, Azure, and RHEL

- **Thirstygames:**

Tracking, accumulating, and presenting of competitive, team-based consumption of predominantly hop-based beverages. Development of a responsive web app with three people using Angular 7, Material Design, ChartsJs, Express, Docker, and Nginx

- **CowTracking:**

Locating cows using a LoRa-enabled full-stack application consisting of microcontroller, backend, DB, and frontend servers. Presenting the project to both [large-scale audiences](#) as well as [press](#)

## MISCELLANEOUS

---

- **Certificates:**

- GPEN (GIAC Certified Penetration Tester)
- In Progress: AWS Certified Security – Specialty

- **Languages:**

- English: Fluent in presentation and negotiation, both written and spoken
- German: Native

## VOLUNTEERING

---

- **GIAC Advisory Board Member** 2020 - present  
*Global Information Assurance Certification*
  - Occasional input on the direction and design of InfoSec training.
- **OWASP Member** 2018 - present  
*Open Web Application Security Project*
  - Minor contributions to the OWASP Docker Top 10
  - Participant in Munich OWASP meetups
- **Student year representative and active Student Council Member** 2015 - 2019  
*Hochschule Rosenheim, Fakultät Informatik**Rosenheim*
  - Bilateral representation of students and professors
  - Organization of informational events, parties, and other happenings
- **Training future youth counselors** 2015 - 2017  
*Jugendwerk Rosenheim**Rosenheim*
  - Training and further education of current and prospective youth counselors
  - Conceptual steering and budget planning of the non-profit org
  - Planning and conducting trainings, one- and multi-day-events