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EXPERIENCE

- **Chino.io** Trento, Italy
Software Engineer (Python / Django) Feb. 2021 - Present
 - Pitched a new consulting product inspired by consulting experience increasing efficiency of the consulting team who could take on ~ 250% more projects than before the tool was adopted with relatively minimal hiring.
 - Prototyped the consulting product using Google Sheets and Google Apps Scripts for report generation in 2 days.
 - Coded and tested the consulting product in Django framework achieving unit test coverage of 86%.
 - Collaborated on development, maintenance, releases, testing, and tech support for over 10 Python and Java projects.
 - Held and collaborated in cyber security consulting workshops with 5 customers and curated cyber security checklists for the company.
- **INRIA** Rennes, France
Cyber Security Researcher (Python) Apr. 2020 - Aug. 2020
 - Implemented Python Scripts for collecting and analyzing various threat data from the internet. Normalized and stored the data in MongoDB for processing by ML algorithms.
- **SedamIT** Split, Croatia
Software Engineer (Java) Jul. 2018 - Aug. 2019
 - Collaborated on architecture design for performance optimization strategies of existing monolithic application which improved throughput by 80 times compared to existing solution.
 - Built the new optimized services that leveraged RabbitMQ message queue for improving the availability of crucial features of the product.
 - Developed complex queries and more than 30 stored procedures in T-SQL that replaced ORM code for core features.

EDUCATION

- **EIT Digital Master School** France and Finland
M.Sc. in Cyber Security Sep. 2019 – Jun. 2022
 - **Thesis:** Data protection regulation ontology for compliance. Developed an ontology in OWL aimed at streamlining the cyber security consultation process when dealing with cyber security compliance (mainly GDPR).
 - **University of Turku, Finland:** The exit university where I specialized in Network Security.
 - **University of Rennes 1, France:** The entry year of my double degree where I was taught computer science with focus on cyber security. Graduated with highest honors (*mention très bien*).
- **University of Split** Split, Croatia
B.Sc. in Computer Engineering Oct. 2015 – Jun. 2019
 - **Thesis:** Management of LoRaWAN sensor nodes. Built code both for the sensor node and the CLI tool which coordinated voltage, transmission periods, frequency and other parameters for a network of sensor nodes deployed on *The Things Network™*.

PROGRAMMING SKILLS

- **Languages:** Python, Java, JavaScript, C/C++
- **Frameworks:** Django, Django DRF, Sprint Boot, Node.js
- **Databases:** PostgreSQL, MSQl, MySQL, MongoDB
- **Others:** AWS, Google Cloud Platform, Linux, Ansible, RabbitMQ, Celery, Gitlab CI