Eléonore Bommart

Network and Software engineer

CONTACT

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📍 92270 Bois Colombes
France

🏠 French citizenship

EDUCATION

Graduate School
École d'ingénieurs de l'Université Paris-Saclay (Master's degree)
2015-2018

Integrated prep class
École d'ingénieurs de l'Université Paris-Saclay
2013-2015

English C1 (TOEIC 960)
French (native)

EXPERIENCE

France-IX Network engineer — since 2019
- Designed, developed and operated a backbone network (1.5+Tbps), making critical and successful choices in its architecture
- Designed and built a complete network flows monitoring stack with pmacct, Kafka and Apache Druid
- Successfully designed and built powerful tooling (API and UI) relied on to reconcile production data with our informations system with a focus on ease of use, and built the incentive for the whole team to use it
- Coordinated critical on-site operations and charged with regular on-call duty for the whole infrastructure

Onepoint - SFR Software engineer — 2018 - 2019
- Developed and designed new features used in daily production for the information system automation for network deployments

OVH Intern - Software engineering — 2018 (6 months)
- Designed and built OVH's optical backbone monitoring tool with a focus on data vizualisation
- Developed diverse monitoring probes routinely used in production for the global network monitoring team

Aurore Association President — 2013 - 2018 (voluntary work)
- Designed and operated the campus-scale network for the non-profit local ISP at Université Paris-Saclay (2000+ students, 100k€/yr. budget)
- Successfully achieved meaningful and complex projects from the ground up like the establishment of a new radio link between buildings across campus
- Long-term planning and vision for the continuity of non-profit student ISPs

EXPERTISE

Network

Proficiency
VPLS, MPLS, BGP, VPN, LACP, IPv4/6, Radius, DHCP, DNS, sFlow/Netflow/ipfix
WDM, optical fiber, DC operations, structured cabling

Good knowledge
EVPN, VxLAN

Development / Frameworks

Proficiency
Python, JavaScript/TypeScript, Java, C/C++, PHP, SQL, HTML5, CSS3, GraphQL, REST
Flask, NextJS

Good knowledge
C#, React, Nornir

Software

Proficiency
Linux, Virtualisation (Proxmox, KVM), Git, Apache, MySQL, PostgreSQL, Apache Druid, Observium, Netbox, Bird, Datadog (Log management)

Good knowledge
Ansible, S3, Kafka, Poetry, pmacct

Vendors

Proficiency
Nokia, Juniper, Cisco, Brocade, Dell
Unifi (AirFiber)

Good knowledge
Huawei

Skills

System information modelling, UX/UI design, Software design, Documentation writing

Hobbies

Piano
Photography / Drawing
Table tennis
Geography