Quentin Dufour

Freelance system developer

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Publications

Apr. 2022	**Donar: Anonymous VoIP over Tor**, *NSDI '22*, Conference, USA Authors: Yérom-David Bromberg, Quentin Dufour, Davide Frey, Etienne Rivière
Dec. 2020	**High-throughput real-time onion networks to protect everyone's privacy**, Ph.D thesis Accepted on 2021-02-24
Apr. 2019	**Multisource Rumor Spreading with Network Coding**, *Infocom 2019*, Conference, France Authors: Yérom-David Bromberg, Quentin Dufour, Davide Frey. Acceptance rate: 19.7%

Education and diploma

Now Jan. 2018	**Ph.D Student**, *Univ Rennes, Inria, CNRS, IRISA*, Rennes, France Advised by Davide Frey and Yérom-David Bromberg in the WIDE team.
Sep. 2017 Sep. 2012	**Engineer Student**, *Institut National des Sciences Appliquées (INSA)*, Rennes, France Computer Science department.
May. 2016 Jan 2016	**Engineer Student**, *Polytechnique Montreal*, Montreal, Canada Full time winter semester in the Computer Science department.

Professional and associative experience

Now Jan. 2020	**Deuxfleurs**, *Association*, Rennes, France <u>2023</u> NLnet / NGI Assure Grant - Working on Aerogramme, an encrypted IMAP-compatible MDA. <u>2022</u> NGI Pointer Grant - Working on Garage, a geo-distributed S3-compatible object store.
Now Oct. 2022	**Rapsodie**, *Startup*, Paris, France Designing and developing the cloud infrastructure (Kubernetes, Python, FastAPI, Apache Beam, GCP).
Aug. 2017 Feb. 2017	**French National Cybersecurity Agency (ANSSI)**, *Internship*, Paris, France Migration and improvement of hardened Linux containers (LXC).
Aug. 2013 Jun. 2016	**Summer internships**, *Internship* <u>Orckestra</u>. Release engineering (CI/CD, Jenkins 2) <u>Groupe GTI</u>. Prototype of a financial analysis platform (node.js, mongodb, angular). <u>Digitevent</u>. Event organization SaaS for businesses (node.js, coffeescript, angular). <u>Open Studio</u>. Parking lot management platform (PHP, Symfony 2)
Aug. 2013 Jun. 2016	**Student entrepreneurship**, Rennes, France Junior Enterprises. 3 times project manager for Ouest INSA. <u>Freelance</u>. Under the "auto-entrepreneur" status.
Dec. 2015 Sep. 2012	**InsaLan**, *Association*, Rennes, France <u>InsaLan 10</u> Event's president. Managing a staff of 90 people. <u>InsaLan 9</u> Network staff manager. Staff training and management. <u>InsaLan 8</u> Network staff member. Network design (routing, firewall, VPN...).

Skills

Computer Engineering

System	Linux (NixOS, Debian, Fedora)	Paradigms	Imperative, Object, Functionnal
Network	Linux IP Stack, standard protocols	Languages	Rust, Scheme, Javascript, Python...

Languages

English	+++	*(TOEIC: 985/990)*
German	+	

Interests

Vintage bikes	I restored a 1989 Peugeot bike for everyday use.