

Quentin Dufour

Freelance system developer

27 La Sauvageais
35580 Goven

✉ quentin@dufour.io

🌐 <http://quentin.dufour.io>

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

Professional and associative experience

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

Skills

Computer Engineering

System	Linux (NixOS, Debian, Fedora)	Paradigms	Imperative, Object, Fonctionnal
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.