

# 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

- Feb. 2021 **Ph.D**, *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*, Paris, 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.