

Tom NGUYEN



Junior developer · Computer science graduate (BUT Informatique)

22 years old · Ronchin, Lille metropolitan area, France

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PROFILE

Computer science graduate (BUT Informatique, a three-year degree from the IUT de Lille, 2026) after one year as a work-study developer in the Pricing team at Norauto International: web scraping pipelines in C#, data processing on SQL Server and Snowflake, collection automation. Looking for a first **back-end, full-stack or data developer** position in the Lille area (France), permanent or fixed-term, to keep learning within a team and gain experience on real projects. **Available immediately.**

PROFESSIONAL EXPERIENCE

Work-study developer, Pricing team — Norauto International Sept. 2025 – Aug. 2026

Competitive price intelligence for the French, Belgian, Spanish, Italian and Portuguese business units (team of 7).

- Design and maintenance of web scraping pipelines for competitor price monitoring (C#, XML, XPath, JavaScript, TypeScript)
- Data cleaning and processing through SQL Server stored procedures: delta and anomaly detection, time-series analysis
- Progressive migration of data flows to Snowflake (DBT); hardening of the collection with a proxy and VPN fleet (Bash, crontab)
- Autonomous ownership of the daily run with daily delivery; direct exchanges with the business units through tickets

Intern, Pricing team — Norauto International April – May 2025

- Maintenance of the web scraping scripts and the proxy infrastructure within a data team

IT contractor (freelance) — Norauto International Oct. 2024 – Sept. 2025

- Maintenance of the collection system and proxies, data integrity checks and monitoring of processing runs

Seasonal jobs — Lille University Hospital (Salengro, Huriez) Summers 2023 and 2024

- Hospital services worker, then qualified maintenance worker in sterilisation: teamwork, strict procedures

PROJECTS

Pricing Intel — personal project, in progress 2026

- Price intelligence on PC components: daily Java collection, PostgreSQL, explained strategy engine, live demo (Spring Boot, hexagonal, ADRs) — github.com/tom2824/pricing-intel

Focus Up! — browser extension, personal project 2026

- Edge / Chrome extension (JavaScript, WebExtensions API) limiting time spent on configured websites, Focus mode, FR/EN interface — github.com/tom2824/stop-doomscrolling

Deal Express — university project, team of 5 2026

- Multiple-choice narrative game built in one week (Java, Spring, React, Tailwind CSS) — dealexpress.betteragile.fr

TECHNICAL SKILLS

Languages	C#, Java, Python, JavaScript / TypeScript, Kotlin, SQL, Bash
Web & back end	Spring Boot, Jakarta EE, React, React Native / Expo, Astro, Tailwind CSS, HTML / CSS, JavaFX
Data	SQL Server, PostgreSQL, Snowflake, DBT, MongoDB, Redis, Pandas, NumPy, scikit-learn
DevOps & tools	Git, CI/CD pipelines (GitHub Actions, GitLab CI), Docker, Podman, Terraform, Maven, Gradle, Jira
Methods	OOP, TDD, Clean Code, Scrum, Kanban, Gantt

EDUCATION

BUT Informatique, application development track (3-year computer science degree) — IUT de Lille – Université de Lille 2023 – 2026

Software design, development and maintenance. Third year as a work-study developer at Norauto International.

BUT GEII (electrical engineering), first year completed, then switch to computer science — IUT de Lille 2022 – 2023

French Baccalauréat with highest honours, computer science and mathematics majors, European section in 2019 – 2022

English — Lycée Faidherbe, Lille

LANGUAGES AND INTERESTS

Languages	French (native), English C1 (Cambridge certificate), Spanish A2
Interests	Weight training, video games, tabletop role-playing, philosophy