

# DAVID TCHEKACHEV

## Undergraduate Computer Science Student & Entrepreneur

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## PROFESSIONAL EXPERIENCE

### Software Developer

#### Ambition Télécom & Réseaux

August 2021

Saint-Priest, France

Improved internal tools to enhance engineers' productivity (3 min / item instead of 15) and quality of work, also providing data for the business intelligence department. Signed a support contract after the internship.

- **Needs Analysis** : Understand current workflow to identify flaws and automatable tasks.
- **Proposition driven project** : Create *Proof-of-Concepts* to demonstrate solutions' feasibility and available features.
- **Autonomous Management** : Direct communication with the future users (Team of 10 engineers) and leading a road-map with periodical (every 2-3 days) reports to the manager.
- **Agile-type project management** : Using Python to produce rapidly (3-4 hours / module) independent functional modules and still having some flexibility and responsiveness to user's requests and feedbacks.
- **Reverse Engineering** : Digging into third-party softwares used internally to retrieve useful information and develop an efficient interface that better fits the business needs

### Full-Stack Web Developer

#### Freelance

March 2020 - May 2021

Lyon, France

Designed, developed & deployed a **web-based workflow** for high-school students, parents, teachers and staff (2200 users / school) to manage options and specialties that each student wants to pursue, replacing the current paper-based processing.

- **User Access Management** : Role and permission-based access control and management to resources with security protocols.
- **Clients' Requirements** : Understanding clients' needs and requirements to propose the best solution.
- **Workflow Management** : Design and optimize users' experience on the website (User's average time to complete the process : 5 min) and the data-flow between the components.
- **User Experience Enhancement** : Constant analysis of users' behavior on the platform and integrating users' feedback.
- **Entrepreneurship** : Selling this platform to other private high-schools using the same paper process. And providing constant annual support.

## PASSION AND INTERESTS

- **Ice Hockey** : Refereeing national-level competitions (2 times / week), requires concentration to judge, quickly and rightfully, situations during a game. Collaboration with on-ice partners and effective communication with the players.

## SKILLS

Web Backend    Frontend Integration  
Software Programming    User Support  
Production Deployment    Scripting  
Client's requirements analysis  
Communication    Entrepreneurship

## LANGUAGES

French - Native

Russian - Native

English - Fluent - TOEFL 109/120

## EDUCATION

### Computer Science

#### EPITA

2020 - 2025

Lyon, France

### Scientific baccalaureate

#### Lycée Sainte Marie

2018 - 2020

Antony, France

## ACTIVITIES

### Freelance developer

#### Auto-Entrepreneur

Since September 2021

### Programming Mentor

#### CoderDojo

Since Mars 2015

Paris, France

Guiding 15-20 teenagers to discover programming with interesting projects

### Summer Camp Counselor

#### Miami Hockey School

July 2021

Oxford, Ohio, USA

Full time assistance to an assigned hockey team (30 kids). Managing their schedule and overseeing their activities : sports, leisure, ...