

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 work for my high-school

March 2020 - May 2021

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

English - Fluent - TOEFL 109/120

Russian - Bilingual

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, ...