

# ILYA STEPANOV

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## PROJECTS

### Go-roots : Smart building project

#### Master 2is iot project

Oct 2020 – Nov 2020    France, Toulouse

- Collaborate with other students on a developing a **user and admin side web application** for managing the community of a co-working space
- Responsible for :
  - html/css** fully responsive themes for the app with **Bootstrap Studio** (both admin and user);
  - Developing **React** components (displaying users on a map, users table with filtering, etc...);
  - Implementing **Redux** for state management;
  - Node/Express/Mongoose api** for user/admin app and iot devices (**Raspberry pi 3** used with an **RFID reader** scanning magnetic cards, or as a camera sensor for **face recognition**)

### Disrupt'Campus : Web site for a veterinarian project

#### National Veterinary School of Toulouse

Nov 2019 – March 2020    France, Toulouse

- PHP CodeIgniter responsive web site** for a veterinary school to help them track and compare farmers according to the Welfare Quality Protocol.
- Responsible for :
  - SQL** database administration and querying;
  - Feeding data into database;
  - Building graphs components with **Chart.js**;
  - Implementing a basic **recommender system** for breeders;
  - Authentication**, hosting and much more...

## WORK EXPERIENCE

### Oporctunit   : Mobile app for a veterinarian project

#### Intership at Ecole Nationale Veterinaire de Toulouse

May 2020 – Sept 2020    France, Toulouse

- SCRUM** based organization, followed by a **SCRUM master**
- Internship following the Disrupt'Campus project, in which I had to develop a mobile app to allow breeders to evaluate their cows farm offline.
- Responsible for :
  - Node/Express/Sequelize api** for users and admins as well as handling their **authentication** and role-based route protection;
  - Designing the app's moqups with **AdobeXD**;
  - Developping the app with **React Native (Expo mainly)**;
  - Pushing the app to **Apple Store**;

## EDUCATION

### M.S. in Innovative Information Systems

Sept 2019 – Ongoing    Toulouse Capitole University

### B.S. in Information Technologies

– May 2019    Toulouse Capitole University

### B.S. in Law and economics

– May 2017    Toulouse School of Economics

## SKILLS

### Programming languages

**JS\*\*\*, SQL\*\*\*, NoSql\*\*, Python\*\*, Java\*\*, PHP\*, C++\***

### Web technologies/frameworks

**HTML\*\*\*, React\*\*\*, Bootstrap\*\*\*, CSS\*\*, Angular\***

### Desktop apps

### technologies/frameworks

**Electron\*, Qt\***

### Mobile development

**React Native (Expo)\*\***

### Databases

**MySQL, Oracle, SQLite, MongoDB**

### Also interested in ...

**Learning 3d, AR, VR in js, AWS  
Contributing to an open-source project**

### Team working frameworks

**SCRUM**

### Preferred coding/team working tools

**Git, Trello, Slack, Postman**

### Language

**English  
Russian  
French**



## SOFT SKILLS

Team work    Self-learning  
Commitment    Organization

## REFEREES

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