

Self-taught hacker. I like to code, break things and help other people.  
I write and teach Python and I build user interfaces on the web in Javascript with React.

## EMPLOYMENT

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**Romanian Government**, Part-time Software Engineer **April 2015 - current**

Maintaining data.gov.ro, the National Romanian **Open Data** portal.

- Automated building and deploying with **Ansible** scripts. Developers work on Vagrant virtual machines, test in a staging environment and then deploy in production. This made onboarding of another engineer easier and reduced the number of production errors.
- Convinced the stakeholders that all the work should be open source on **Github**.

**uberVU / Hootsuite**, Part-time Software Engineer **July 2013 – April 2015**

uberVU was a social media analytics startup, that was acquired by Hootsuite, one of the leading social media management companies.

- While the company was a startup, I worked with backend APIs using **Python** and **Django**. I refactored the payments API to support a new provider.
- When we decided to build the new user interface for our new **10M** users after the acquisition, I was in the **5 people** team that chose the technologies we were going to use. We shipped a **beta** product to internal users in **6 months**.
- Wrote the build and deploy system for the new UI using **NodeJS**. It contained a **visual testing** build system, where screenshots of the app were taken after certain actions by a user and compared with images of how the app should look.

## AWARDS

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- **ACM-ICPC National Finals** (2015): 12th place
- **National Olympiad of Computer Science** (2010 & 2012): Two bronze medals
- **National Olympiad of Networking “Acadnet”** (2011): 1st place

## EDUCATION

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**University of Bucharest** **October 2013 – June 2016 (expected)**

Pursuing a Bachelor's degree at the Faculty of Computer Science and Mathematics.

## VOLUNTEERING

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**ROSEdu**. Student organization that promotes open source values in education.

- Helped with the organization of the Community Development Lab, a 9-week course where we teach students how to contribute to open source projects. I've coordinated the application process, where we selected **20** students from **120** applicants.
- I've taught **Python** and web application development workshops to over **100** students.

**InfoEducatie**. National camp and software development contest.

- Each year over **100** high-school students come and present their software and hardware projects in front of juries composed of software engineers.
- I've been a member of the core organizing team and twice a member of the **web** jury section.

## PROJECT (new.infoeducatie.ro)

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- In a **distributed** team of 5 volunteers, we built the new camp website, that helped us with the organization.
- I was the lead developer of our frontend single page application. We used the **Javascript ES6** standard, **React** library for building our UI components, **Webpack** as the bundler system, **Bootstrap** for reusable UI elements and **LESS** as a pre-processor for CSS.
- I wrote code in Ruby on Rails for our backend that exposed a **REST JSON API** and an admin panel.
- We used **Github** for collaborating, had test builds on **TravisCI** and deployed on **Heroku**.