Adela Neacșu | Curriculum Vitae

Sighișoarei 34 – 400336 – România

✆ +40 (760) 434 940 • ✉ adella.neacsu@gmail.com

It is not the strongest of the species that survives, nor the most
intelligent, but rather the one most adaptable to change.
Charles Darwin

Education

Technical University of Cluj-Napoca (UTCN)   **Cluj-Napoca, Romania**

Computer science, PhD   *September 2017–Present*

The theme of my PhD is "High performance processing and visual analysis on multidimensional data". It was inspired by research at ROSA (Romanian Space Agency) through a project which aims to find relevant information about my country through analysis of data from satellites.

National Institute of Applied Sciences (INSA)   **Lyon, France**

Informatics, Masters Degree   *2013–2015*

My studies in Lyon were the equivalent of a Masters Degree (4th and 5th year of study). Unlike in my own country, in France I was able to experience a different culture and a modern learning style, focused mainly on project management.

Technical University of Cluj-Napoca (UTCN)   **Cluj-Napoca, Romania**

Computer science, Licence Degree   *2009–2013*

During my years as a student at UTCN, I was able to develop my technical skills both from a software, as well as a hardware point of view. The curricula included classes of Maths, Economics, Algorithms, OOP and many others (a rather complete formation for a software engineer).

Experience

rodeapps   **Cluj-Napoca, RO**

Software developer   *May 2014 - October 2014, February 2015 - Present*

At rodeapps I first started working as main developer for a large project (a software platform for market research). In time, requirements became more diverse, and the new assumed role was that of a team leader. My focus shifted towards code reviews, architectural design and deployment issues, without losing touch with coding. This new role also assumed a lot of research into new technologies/languages/tools in order to come up with solutions for our problems.Some of the tools used:
- Frontend development : AngularJS/React + HTML + CSS;
- Backend development : Python (Django) + DjangoRESTframework for the REST API;
- DB : PostgreSQL;
- Management : Jira;
- Code versioning - Gitlab/Github;
- Cloud deployment/storage : Heroku, Google Cloud Platform, Amazon Web services.

PITECH+PLUS   **Cluj-Napoca, RO**

Junior developer   *September 2012 - September 2013*

Worked on a big project for the World Customs Organization as a part of the Java team.
Languages/technologies/tools used:
- Javascript (ExtJS framework);
- Java (J2EE);
- SQL (most of the work was done through Hibernate, but native SQL was also required in cases where performance was an issue).

ENS Lyon – INRIA   **Lyon, FR**
Summer Internship   *June 2012 – September 2012*
Worked on a small research project as a part of the Avalon team (from INRIA laboratories).

- Project title: Integration between DIET and SciLab.
- DIET (Distributed Interactive Engineering Toolbox) is a middleware designed for high-performance computing in a heterogeneous and distributed environment (workstations, clusters, grids, clouds).
- Scilab is free and open source software for numerical computation providing a powerful computing environment for engineering and scientific applications (like Matlab).
- Languages/technologies/tools : C, C++, Unix, DIET, Scilab.

Human languages

Romanian: Native proficiency

English: B2 certificate and TOEIC test

French: B2 and C1 certificates

Spanish: A2 level

Computer languages

Python: My one true love   **JavaScript**: I like its resemblance to Python

C, C++, C#: Learned during faculty   **Java**: Worked with it for almost 2 years.

SQL: any programmer should know SQL

Other interests

Volunteering: I was a volunteer in Cluj-Napoca for the organization Ajungem MARI, which handles children from foster homes. I also volunteered in camps for children with diabetes as a part of Yuppi Camp.

Python: I really like coding in Python; It is simple, elegant and takes away the trouble of writing code in the detriment of solving the problem.

Australia & New Zealand: I would love being able to live in "the land down under", even for a short period of time;

Volleyball: Team sports are an easy way of living a healthier life while having fun.