✉ ungureanu.daniel86@gmail.com   📍 Brașov, ROMÂNIA   🌐 www.ninjaweb.online   ⬤ Github

DANIEL
UNGUREANU

JUNIOR PYTHON DEVELOPER

EXPERIENCE

Sept. 2022 – present

RNP ROMSILVA – ADMINISTRAȚIA PARCULUI NATURAL BUCEGI R.A.

IT SPECIALIST

- GIS database maintenance, digital infrastructure for wireless survey data transmission from the field using QFIELD – cloud – QGIS, developed a new website in django / python / javascript / html with a payment system, graphics for online advertising, local network maintenance.

Dec. 2021 – present

UNGUREANU WEBTECH SRL

SOFTWARE DEV & ADMINISTRATOR

- Developing online apps for clients using Python/Django, JavaScript, jQuery, Bootstrap, HTML, CSS, AWS, Docker, Asyncio, Linux

2017 – 2022

OBICEIURI SANATOASE SRL

BUSINESS ASOCIATE

- An artisan bakery i co-founded and managed the online presence.

Mar. 2014 – Sept. 2018

FUNDATIA CONSERVATION CARPATHIA

PROJECT ASISSTANT MANAGER

- Coordinated field activities, forest inventories, did periodical reports, used QGIS and ARCGIS 10.2 extensively for mapping parcels and for planning management actions, handheld GIS devices

May 2012 – Jan. 2014

FBR FOREST OPS S.A

TECHNICAL DIRECTOR

- Initialy started as deputy forest engineer on forest survey using QGIS and handheld NAUTIZ devices, then been promoted to technical director, responsible for planning operations using QGIS, coordinating team, etc.

PROFILE

My professional story starts with a B.Sc. (2010) & a M.Sc. in Forest Ecology (2012) in Brasov, Romania, with major interest though in computer sciences and statistics. Gathered over 8 years of experience with GIS software (QGIS, ARCGIS, TERRASYNC, QFIELD) applied in nature related projects. In 2018 i started a journey in software development with python and specialized in web development with python and Django, mostly freelancing projects. Also learned, along the way, to work with MYSQL and POSTGRESQL databases, HTML, JavaScript, Git, a bit of docker, pandas, matplotlib, numpy, asynchronous programming, AWS, payment gateways, Linux, Ubuntu servers. My aim for the future is to get involved in challenging software development projects and acquire new skills.

EDUCATION

2017 – 2018

INITIATION INTO PROGRAMMING

SCRIU COD
www.scriucod.eu

- A 6 months python programming course, where we would learn from actually working on small personal projects, that each of us was free to choose.

2010 – 2012

MASTER IN SCIENCE

UNIVERSITATEA TRANSILVANIA
www.unitbv.ro

- Built or Improved skills on forest ecology, surveys, habitats classification, forest site conditions, GIS software, relational databases, research, statistical analysis with R & Statistica

2006 – 2010

BACHELOR DIPLOMA – FOREST ENGINEER

UNIVERSITATEA TRANSILVANIA
www.unitbv.ro

- Built skills on forest management, ecology, wildlife, site index, statistical analysis, ArcGIS & QGIS, R, monitoring, research

SKILLS

Python
Django
Data Science
JavaScript
Web development
SQL databases
Pandas
QGIS
Linux
Networks
ArcGIS
Ecology
Project Management
Digital graphics

LANGUAGES

English
German

EXCHANGE PROGRAMS

Apr. 2015

PART OF A LIFE+ PROJECT

ARGENTINA & CHILE

- A 3 weeks visit in National Parks and protected areas created by Tompkins Conservation in Argentina and Chile.

Aug. 2011

OCEAN PROGRAM BETWEEN E.U. SI CANADA

ALBERTA & BRITISH COLUMBIA

- A 3 weeks excursion in western Canada, visiting field work sites in forestry and protected areas.

Apr. 2011 – Iun. 2011

ERASMUS MUNDUS SCHOLARSHIP

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

- A 3 months exchange program at Georg - August Universität Göttingen, doing research work in an entomology lab and practicing statistics in R.

Sept. 2009 – Mar. 2010

ERASMUS MUNDUS SCHOLARSHIP

GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN

- An exchange program lasting 6 months at Georg - August Universität Göttingen. It consisted of courses on international forest practices, plus German language courses.

Apr. 2015

SUMMER SCHOOL

GREECE

- A 3 weeks visit at Aristotle University in Thessaloniki for practicing data cluster analysis on plant species and site conditions.

CERTIFICATES

Aprilie 2022

Top 25% Python Certificate
TESTDOME
link

- Popular test for Python skills

Ianuarie 2021

Data Analysis with Python
FREECODECAMP
link

- Data Analysis test using Python programming language, along with some of its statistics modules: Pandas, Matplotlib, Numpy. The test certifies solving difficult problems and a total of 300 hours of applied work.

Ianuarie 2021

Scientific Computing with Python
FREECODECAMP
link

- Scientific Data Analysis test using Python programming language, along with its statistics and data science modules: Pandas, Matplotlib, Numpy. The test certifies solving difficult problems and a total of 300 hours of applied work.

Oct 2021

International English Language Testing System
BRITISH COUNCIL BUCHAREST

- The result was Band 8, meaning a C1 level - Fluent speaker, by EU standards.