

PERSONAL
INFORMATION

BADEA DUMITRU-DANIEL



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Sex Male | Date of birth 09/ 03/ 1995| Nationality Romanian

JOB APPLIED FOR

WORK EXPERIENCE

04/05/2021-Present

Penitentiary police officer in the maximum security penitentiary in Iași

03/08/2020-31/12/2022

Driving instructor at Autocriss Trans, Autozet Star, Autosafe driving schools from Iași.

15/06/2019-30/09/2019

Housekeeper at Theodore Roosevelt Foundation from North Dakota, United States of America (opportunity offered by Work and Travel Program);

01/07/2019-03/10/2019

Bartender of Medora Uncork'd bar in North Dakota, United States of America (opportunity offered by Work and Travel Program);

08/02/2019-10/05/2019

Erasmus + Internship at Laboratory of Paleontology, Evolution, Paleoecosystems & Paleoprimateology – UMR 7262 University of Poitiers, POITIERS, FRANCE;

Main tasks	Competences / skills to be acquired
Elaborate a state of the art on evolution of some specific small vertebrates	To make a bibliography on a specific topic
Describe, compare microfossils, and interpret the results	To conduct a scientific approach
Write a master thesis at the end of the placement period	To write a scientific memoir
	To defend a scientific work
Use of various device usually dedicated to 3D shape analysis (microscopy, laser scanner, interferometer, microCT)	To be able to conduct a shape analysis of 3D objects, from the data collecting to its analysis and interpretation)

23/07/2018-13/12/2018

SC GEOLOGIC WORLDWIDE SERVICES S.R.L.
Geological engineer- Mudlogger;

10/03/2025-17/03/2025

Erasmus + Internship at Laboratory of Paleontology, Evolution, Paleoecosystems & Paleoprimateology – UMR 7262 University of Poitiers, POITIERS, FRANCE;

- Specialized training in dental microwear analysis techniques, feasibility test for a dental microwear analysis using fossil micro-vertebrate teeth, describe & compare microfossils, and interpret the results, presentation of preliminary results of the study of fossil microvertebrates from eastern Romania;
- To be able to conduct a complete dental microwear analysis (from the data collecting to its analysis and interpretation), to be able to craft dental molds of vertebrates, to use an interferometer, to be able to interpret data obtained from fossil samples (application to Miocene rodent teeth, to carry out comparative anatomy using new 3D methodologies, to disseminate scientific knowledge in emphasizing the importance of fossil microvertebrates in the Miocene stratigraphy.

15/07/2017-17/09/2017

ERASMUS +Training Program Abroad – Internship

Tesonis Camping Village , Tertenia, Sardinia, Italy

- independent work in reception, performing the daily operational tasks (ensuring bookings, check-in, check-out) and customer assistance (providing cultural hints for the area, directions and accurate information); setting breakfast (preparing the buffet, taking orders, preparing drinks)

15/06/2016-30/09/2016

ERASMUS +Training Program Abroad – Internship

Tesonis Camping Village , Tertenia, Sardinia, Italy

- independent work in reception, performing the daily operational tasks (ensuring bookings, check-in, check-out) and customer assistance (providing cultural hints for the area, directions and accurate information); setting breakfast (preparing the buffet, taking orders, preparing drinks)

11/07/2015-20/07/2015

Geology field work in the paleontology at unearthing and preserving a mammoth skeleton in Gherghesti locality from Vaslui City, Romania.

EDUCATION AND TRAINING

15/12/2023-PRESENT

Volunteer at the Museum of Natural History in Iasi/Donor of the collection of microvertebrate fossil fragments

01/10/2020-PRESENT

PhD in Degree in the fundamental area of “Natural Sciences” and doctoral area of “Geology”

- Theme of the doctoral thesis: “Study of microvertebrates from the Late Miocene of Moldavian Platform”, under the scientific supervision of Prof. Mihai Brânzila

"Al. I Cuza" University of Iasi, Faculty of Geology and Geology,
www. geo.uaic.ro

01/10/2018-01/07/2020

Master in Well Geology

"Al. I Cuza" University of Iasi, Faculty of Geology and Geology,
www. geo.uaic.ro

01/10/2014-08/07/2018

Student at: Geological Engineering, Alexandru-Ioan Cuza University, Iasi, Faculty of Geography and Geology (in attach will be a PDF with the diploma and the diploma supplement)

15/02/2017-19/06/2017

Erasmus + scholarship stage at University of the Azores at the Civil Protection department.

15/09/2010-15/07/2014

National College “Mihai Eminescu” , Buzău
Social sciences

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Certificate of Attainment, Council of Europe Level B1					
Italian	B1	B1	B1	B1	B1
Portuguese	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- excellent written and verbal communication skills developed through experience in customer service;
- active listener and persuasive speaker;
- friendly with the others;
- ability to listen and talk to people in a constructive manner;
- winner of the local section of Games of Science in March 2023, Iași;
- winner of the popularity award in the Games of Science Final, June 2023, Bucharest;
- Popularization of Erasmus + Internships: <https://ec2u.eu/daniel-dumitru-badea-from-iasi-to-poitiers/>
- Participation in the event "A beer with a researcher", 29 September 2023, with the presentation entitled "Predictors of the past, aka microvertebrates"
- Participation in the Astronomy Summer School, 3rd edition, June 16-17, 2023, with the presentation entitled "The Moon. origins and evolution. Space missions to the moon", work published in VEGA magazine.

Organisational / managerial skills

- good leadership;
- working as a team member as well as independent;
- ability to work with other people to achieve a common goal;
- able to meet deadlines, plan and schedule tasks, etc;
- member in the Senate of ``Alexandru Ioan Cuza`` University of Iasi for 3 years (from 2017 to 2020);
- member in the Council of Geography and Geology Faculty for 4 years (from 2016 to 2020);
- member in the Council of the Doctoral School of Geosciences from Iași (from 2020 to present).

Computer skills

- Good command of Microsoft Office™ tools;
- Image Editor Programs – Adobe Illustrator, Adobe Photoshop, Photoscape, Inkscape, CT-vet software, Paint;
- Web Browsing, HTML.

Other skills

- good time manager;
- interpersonal communication skills;
- strategic and creative thinking and skills;
- good manager of problems;
- Teamwork;
- Sociable;
- Patient;
- Communicative;
- Optimistic;
- Dynamic and open – minded;
- from April 2023 holder of a permit to carry a weapon;
- from June 2023 holder of a hunting permit.

Driving licence

AM, B1 and B categories (since 17 Marth 2014)
A1, A 2 and A categories (since 28 July 2020).
C, C1 (since 12 June 2023)
C1E, CE, BE (since 18 December 2023)

Additional information

Memberships

National Societies: -Romanian Society of Palaeontologists (SPR) <https://geo-paleontologica.org/>

International Societies: -- European Association of Vertebrate Palaeontologists (EAVP) <https://eavp.org/>
-- Society of Vertebrate Paleontology (SVP) <https://vertpaleo.org/>
-- Geological Society of Australia (GSA) <https://www.gsa.org.au/>
-- Geoscience Society of New Zealand (GSNZ) <https://gsnz.org.nz/>

Scientific activity

13th -14th of May 2016- 14th The national student symposium „Geoecologia”,Petroșani, Romania
https://www.upet.ro/geoeco/doc/vol/2016_Volum%20Geoecologia.pdf

Mihai COCHIOR, Daniel BADEA: "DOMENIUL DEPOZIȚIONAL AL DEPOZITELOR CHERSONIENE DE PE PARAU CLEJUȚA (JUDEȚUL BACĂU)"

28th October 2017- The national symposium „Grigore Cobălcescu”, Iași, Romania

B. G. Rățoi, L. Ursachi, V. Codrea, F. Perniciano, D. D. Badea: "Situl palontologic de la Gherghești 2 (Județul Vaslui)-Rezultate preliminare"

11th -12th of May 2018- Participation in the National Session of Scientific Communications, XIV edition, Bârlad, Romania

D. D. Badea: "Vertebratele continentale din Situl paleontologic de la Păun, jud. Iași"

10th -11th of May 2019- Participation in the National Session of Scientific Communications, XV edition, Bârlad, Romania

19th-21st of May 2019- The 12th Romanian Symposium of Palaeontology, Cluj (https://geopaleontologica.org/wpcontent/uploads/2019/10/VolumabstracteAl12leaSimpozionPaleontologie_2019_ClujNapoca.pdf)

Păun, E.-I., Ursachi, L., Rățoi, B.G., Brânzilă, M., Haiduc, B.-S., Guy, F., Daver, G. & Badea, D.- D. : "Equidae (Mammalia, Perissodactyla) from the late Miocene of Pogana (Scythian Platform, Romania)"

Rățoi, B.G., Ursachi, L., Brânzilă, M., Haiduc, B.S., Păun, E.I., Badea, D., Guy, F. & Daver, G. : "Rhinocerotidae and Chalicotheriidae (Perissodactyla, Tapirotheria) from the Late Miocene of Pogana (Scythian Platform, Romania)"

26th -27th of October 2019- The national symposium „Grigore Cobălcescu”, Iași, Romania

D. D. BADEA, B.-G. RĂȚOI, M. BRÂNZILĂ ("Al. I. Cuza" University of Iași), L. URSACHI ("Vasile Pârvan" Museum, Bârlad): "Rozătoare din Familia Muridae din Miocenul superior de pe Platforma Moldovenească"

31st of October 2020- The national symposium „Grigore Cobălcescu”, Iași, Romania

D.-D. BADEA, B. G. RĂȚOI, M. BRÂNZILĂ: "Importanța microvertebratelor în stratigrafia Miocenului superior de pe Platforma Moldovenească"

19th of May 2021- 5-th International Meeting of Early-stage Researchers in Paleontology

D. D. Badea, B. G. Rățoi and M. Brânzilă: "The first record of Muridae (Mammalia, Rodentia) from the Late Miocene of the Moldavian Platform (Eastern Romania)"

16th -17th of September 2021- The 13th Romanian Symposium of Palaeontology

Badea, D.-D., Rățoi, B.G. & Brânzilă, M.: "Contributions to the study of micromammals from the east Moldavian Platform (Moșna village, Iași county)"

May 2022- Euroinvent 2022 (<https://www.euroinvent.org/cat/W2022.pdf>)

Badea, D.-D., Rățoi, B.G. & Brânzilă, M.: "MICROMAMIFERE DIN TRECEUTUL GEOLOGIC AL MOLDOVEI"

27th June-2nd July 2022- The XIX Annual Conference of the European Association of Vertebrate Palaeontologists, Benevento/Pietraroja, Italy

(https://drive.google.com/file/d/11_xlyXSylnehmFragHgoUyoNliTlqyN/view)

Badea, D.-D., Rățoi, B.-G., Brânzilă, M.: "PRELIMINARY STUDY OF THE RODENTS ASSEMBLAGES FROM THE LATE MIOCENE OF MOȘNA 1 (MOLDAVIAN PLATFORM – ROMANIA)"

29th of September 2022- The national symposium „Grigore Cobălcescu”, Iași, Romania

Badea, D.-D., Rățoi, B.-G., Brânzilă, M.: "Reprezentanți ai grupului Charophyta din Miocenul Superior de pe Platforma Moldovenească"

Scientific activity

8th-22nd of May 2023- 4th Palaeontological Virtual Congress

Badea, D. D., Răţoi, B. G., Brânzilă, M.: "Preliminary study of the small mammals assemblage from the Late Miocene of Dolheşti 1 (Moldavian Platform – Romania)"

10th-14th of June 2023- Palaeo Down Under 3, Perth, Western Australia (poster)

Badea, D. D., Răţoi, B. G., Brânzilă, M.: "The micromammal assemblage from Tibana 1 locality, upper Miocene (early Vallesian) of the Moldavian Platform, northeastern Romania"

14th-16th of August 2023- International Scientific Conference "Interdisciplinary Archaeology: methods, studies, results", Orheiul Vechi, Chisinau

Răţoi, B. G., Badea, D. -D.: "Importanţa metodei CT/microCT în identificarea materialului fosil din Miocenul şi Pliocenul din Platforma Scitică"

6th of September 2023- Symposium on Palaeontological Preparation and Conservation, Lincoln, UK

Badea, D. D., Răţoi, B. G., Brânzilă, M.: "The technique of preparation and conservation of samples from microvertebrates collecting from the upper Miocene of Romania"

14th-15th of September 2023- Fourteenth Romanian Symposium on Palaeontology, Bucureşti, România

Badea, D. D., Răţoi, B. G., Brânzilă, M.: "The micromammal assemblage from Arsura 1, a new fossil site from the Late Miocene (early Turolian, MN 11) of the Moldavian Platform"

18th-21st of October 2023- 83rd Annual Meeting of Society of Vertebrate Paleontology, Cincinnati, Ohio, USA

Badea, D. D., Brânzilă, M., Răţoi, B. G.: "The first appearance of a small-sized beaver (Castoridae, Mammalia) from the Late Miocene (early Turolian) of Moldavian Platform, Eastern Romania"

28th of October 2023- "Grigore Cobălcescu" Scientific Symposium, LXII edition, Iaşi, România

Badea, D. D., Răţoi, B. G., Brânzilă, M.: "Implementarea metodei micro-CT în studiul microvertebratelor fosile din Miocenul Superior de pe Platforma Moldovenească"

7th-11th of May 2024- Annual Meeting of the Association for Materials and Methods in Paleontology. Morden, Manitoba, Canada.

Badea, D. D., Răţoi, B. G.: "Collection management of fossil elements belonging to fossil microvertebrates identified in the Late Miocene from the north-eastern part of Romania, eastern Europe"

14th-16th of August 2024 – Interdisciplinary archaeology: methods, studies, results. International scientific conference.

Badea, D. D., Răţoi, B. G.: "The Late Miocene Eulipotyphlan Schizogalerix sarmaticum from northeastern Romania, eastern Europe"

March 2025 – 5th Palaeontological Virtual Congress.

Badea, D. D., Răţoi, B. G., Vasilyan, D., Brânzilă, M.: "New material of lagomorphs (Ochotonidae and Leporidae) from Late Miocene of Eastern Romania"

Papers

D.-D. Badea, B.-G. Răţoi, V.D. Crespo, M. Brânzilă. (2025). The small mammal assemblage from the Late Miocene of Dolheşti-1 (Moldavian Platform- Romania), Geobios, <https://doi.org/10.1016/j.geobios.2024.11.001>

Konidaris, G. E., Răţoi, B. G., **Badea, D. D.**, & Ursachi, L. (2024). New proboscidean specimens from the Late Miocene of Romania: the huge-sized deinotheres *Deinotherium proavum*, the rare "Mammut" cf. *obliquelophus* and the first description of the shovel-tusker *Konobelodon* from the country. *PalZ*, p. 1-25.