

Stefan Cobeli — Curriculum Vitae

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Education

University of Illinois Chicago (UIC)

2021 –present

PhD Computer Science

- Research work in *Data Visualization*, *Machine Learning* and *Natural Language Processing*.
- Developed machine learning-assisted urban pipelines for data and view exploration.
- Served as a Technical and Research Consultant for UIC's Communication Department.
- UIC's 2024-2025 College of Engineering Exceptional Teaching Promise Award.

University of Bucharest, Romania

2013–2020

MSc Artificial Intelligence & BSc Mathematics and Computer Science

- MSc thesis on detecting optimism in social media posts using transformer-based models.
- MSc GPA: 9.69/10, 2nd of my cohort.
- Selected as one of three students from the program to receive a 2017 *Erasmus Fellowship* at **Freie Universität Berlin**.

Working Experience

LUMINII, Niles IL

Summer 2024

AI Intern

Developed an internal tool for automating price updates, streamlining the Graphic Design team's workflow and saving significant time during quarterly updates.

INTEGRAL AD SCIENCE (IAS), Chicago

Summer 2023

Data Science Intern

Developed a deepfake detection pipeline for artificial celebrity portraits and prototyped a new company product.

VAIL SYSTEMS, Chicago

Summer 2022

Data Science Intern

Developed a graph neural network bug detection pipeline using software mining techniques, enabling senior developers to identify critical code fragments for refactoring.

AMAZON, Iași, Romania

Fall 2017

Research Scientist Intern

Engineered a classification pipeline using topic modeling and set benchmarks for predicting customer conversion rates.

Technical skills

Programming Languages: PYTHON, JAVA, C++.

Domains: Urban Computing, Computer Vision, Natural Language Processing, Problem Solving.

Side Activities & Hobbies

Go game:

Former National School Champion and selected for the Romanian Junior National Go Team; organized multiple national and international competitions.

StackOverflow:

Contributed technical answers to StackOverflow, reaching over 700k users, as of February 2026.

Teaching:

Montessori trained catechist.

Sports:

Swimming, running, cycling.