



RADU NICOLAE

<https://radu-nicolae.com>

CONTACT INFORMATION

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Amsterdam, Netherlands

DIGITAL SKILLS

Advanced:

Javascript	CSS
Maven	Bootstrap
HTML	GIT
Webflow	Relume

Good command:

PHP	JDBC
Java	Markdown
C++	SEO
Django	Debian
Java FX	Microsoft Office

Basic command:

Spring	NumPy
Python	KompoZer
Sass	LaTeX
SQLite	MySQL

WORK EXPERIENCE

Computer Science and Healthcare Data Science Internship

Oxaigen | Oct 2021 - ongoing

Oxaigen is a company working towards revolutionizing healthcare and ICU activities using AI. So far I have developed data charts using D3js and Javascript, oxaigen.com website using Webflow and Relume, including animations and responsiveness, SEO optimisation, QA, writing documentation and loading time optimisation.

Student Ambassador

Vrije Universiteit Amsterdam | Oct 2021 - ongoing

Giving future Computer Science students an overall view of what this domain involves. It requires excellent organization, communication, and presentation skills and also good teamwork abilities.

Trainer Internship

Jademy - Oracle Silver Partner | May 2020 - Oct 2021

- created and implemented a 25 module front-end course
- participated as a trainer assistant at Java Courses

Front-End Developer

I developed several official websites using the following technologies: PHP, Javascript, HTML, CSS, Sass, Bootstrap, Git, SEO, Google Analytics and Google Search Console.

- <https://oxaigen.com> | Oct 2022 - ongoing
- <https://radu-nicolae.com> | Mar 2020 - ongoing
- <http://revista-cava.ro> | Oct 2019 - ongoing
- <https://topthewhole.com> | Jan 2021 - Jan 2022
- <https://viviriafestival.ro> | Aug 2021 - Sep 2021
- <https://happycamps.club> | Mar 2020 - Jun 2020
- <http://interactbucuresti.ro> | Feb 2020 - Jul 2021

EDUCATIONAL BACKGROUND

Computer Science Bachelor's

Vrije Universiteit Amsterdam | Sep 2022 - present

Vrije Universiteit Amsterdam is a leading university, ranked 115th worldwide by the prestigious Times Higher Education 2022. I am currently in the first year of the Computer Science bachelor's programme.

Romanian Baccalaureate Diploma

"Sfântul Sava" National College | Sep 2018 - Jun 2022

Baccalaureate Exam at Mathematics, Physics, Romanian, Digital Competences and English and obtained the average mark of 9.48.

Scholastic Assessment Test (SAT) - 1360 (91st User Percentile)

College Board | Dec 2020

- Math 760 points (higher than 96% of test takers)
- English 600 points (higher than 73% of test takers)

Web Programming with Python and JavaScript

Harvard CS50 | Jun 2021 - ongoing

- developing, User Interfaces, Testing and Scalability and Security

LANGUAGE SKILLS

English: C1 - IELTS (Overall 7.5)

Deutsch: A2

French: A2

ORGANIZATIONAL SKILLS

Coordinating other people and myself helped me acquire indispensable abilities, which were the key to success:

- Leadership
- Logical reasoning
- Attention to detail
- Self-management
- Keeping deadlines

COMMUNICATION SKILLS

Being the leader or a member of several teams improved my communication abilities, such as:

- Clarity
- Planning
- Open-mindedness
- Confidence
- Optimism

Django - The Ultimate Course

Mosh Hamedani | Jul 2021

- chapters studied: models, databases, Django ORM, Django Admin

Pre-University Calculus

TU Delft | Apr 2021 - Jun 2021

- final exam grade: 91%

Java Bootcamp

Jademy - Oracle Silver Partner | Mar 2020 - Nov 2020

- final grade: excellent
- gained knowledge of: Object-Oriented Programming, Coding Style principles, Data Structures, Collections, Exceptions, JDBC, MySQL, Multithreading, Design Patterns, Functional Programming, Java FX

Robotics Summer Camp

FIRST Tech Challenge | 8-14 Jul 2019

- gained knowledge of PTC Creo, Java, Android Studio, robot designing and construction tactics

ROBOTICS

National Robotics Team Member

Autovortex | Oct 2019 - ongoing

- we participate at one of the biggest international contests of robotics: FIRST Tech Challenge
- earned awards:

- **1st place** FIRST Tech Challenge Russia 2021 - April 2021
- **1st place** FIRST Tech Challenge Russia 2020 - February 2020
- **1st place** FIRST Tech Challenge Russia 2019 - December 2019

Robotics Team Leader

Gamma Robotics | Oct 2018 - Oct 2019

- **passed the regional stage** and we competed against the best robotics teams in Romania in the FIRST Tech challenge national stage
- team leader and driver during the season

Robotics Team Leader

Sciences and Technologies Ploiesti | Apr 2019

- **special prize**; Ministry of Education in Romania accredited contest

VOLUNTEERING

Financial Manager and Camps Trainer

Happy Camps | Apr 2019 - on going

Staff Member at MUN Conference

United Nations | Feb 2020

Volunteer

Red Cross | Jan 2020 - Apr 2020

Participant at "The dialogue of the EU with young people"

European Union | Oct 2019

- seek for solutions for problems in EU
- conclusions were sent to European Union's parliament as "the voice of the young generation"