RADU NICOLAE

https://radu-nicolae.com

CONTACT INFORMATION

Phone: +40726066744

Mail:
- mail@radu-nicolae.com
- radu.nicolae2302@gmail.com

Github: Radu-Nicolae

Amsterdam, Netherlands

DIGITAL SKILLS

Advanced:

Javascript	CSS
Maven	Bootstrap
HTML	GIT
Webflow	Relume

Good command:

PHP	React
Java	Markdown
C++	SEO
Python	Debian
Java FX	Microsoft Office

Basic command:

GraphQL	NumPy
Sass	Assembly
Django	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:
- medical apps using React, GraphQL, Strawberry, Python, PostgreSQL
- API endpoints using Python and Strawberry
- data charts using D3js and Javascript
- oxaigen.com website using Webflow and Relume, including animations and responsiveness, SEO 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, Webflow, Relume Sass, Bootstrap, Git, SEO, Google Analytics and Google Search Console.
- **https://www.oxaigen.com** | Oct 2022 - ongoing
- **https://www.radu-nicolae.com** | Mar 2020 - ongoing
- **https://www.revista-cava.ro** | Oct 2019 - ongoing
- **https://www.topthewhole.com** | Jan 2021 - Jan 2022
- **https://www.viviriafestival.ro** | Aug 2021 - Sep 2021
- **https://www.happycamps.club** | Mar 2020 - Jun 2020
- **https://www.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)

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

Web Programming with Python and JavaScript
Harvard CS50 | Jun 2021 - Sep 2021

- developing, User Interfaces, Testing and Scalability and Security

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 - Jun 2021

- we participate at one of the biggest international contests of robotics: FIRST Tech Challenge
- earnt 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 - Sep 2022

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"