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

Basic command:

GraphQL	NumPy
Sass	Assembly
Django	LaTeX
SQLite	MySQL

WORK EXPERIENCE

Vrije Universiteit Amsterdam

Course Coordinator | May 2023 - ongoing
- Computer Programming
- Computational Thinking for Coders

Student Ambassador | Oct 2022 - 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.

Student Researcher

@Large Research X VU Amsterdam | May 2023 - ongoing
Scientific Research towards massiving computer systems, making (distributed) computer systems scalable, reliable, and performant, with a focus on the datacenter industry - https://atlarge-research.com/

Programming Trainer

Logiscool | Mar 2023 - ongoing
Empowering future programmers, aged 8-14, with the fundamentals of software development and algorithmic thinking, fostering a solution-oriented mindset that prepares them for success in the computer science industry.

Computer Science and Healthcare Data Science Internship

Oxaigen | Nov 2022 - May 2023
Oxaigen is a company working towards revolutionizing healthcare and ICU activities using AI. 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

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
- **https://www.radu-nicolae.com** | Mar 2020 - ongoing
- **https://www.revista-cava.ro** | Oct 2019 - ongoing
- **https://www.oxaigen.com** | Oct 2022 - May 2023
- **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 - ongoing
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.

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

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)

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

VOLUNTEERING

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"