Robert-Adrian Haranguș

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EDUCATION

Babes-Bolyai University,   **Cluj-Napoca, Romania**
Masters of Science in High Performance Computing and Big Data Analytics   *Sep 2024 - Jul 2026*
Bachelor of Science in Computer Science   *Oct 2021 - Jul 2024*
- Relevant Coursework: Operating systems (Linux), Data Structures, Graph Algorithms, OOP, Web Development, Software Engineering, Databases, Design Patterns, Mobile Development, Software Validation, Software Testing

WORK EXPERIENCE

METRO.digital,   **Cluj-Napoca, Romania**
Frontend Developer, Design System team   *Mar 2023 - Present*
- **Relevant Skills**: React, TypeScript, CSS, Style Dictionary, Node.Js, Storybook, Customer Support, Web Components, Styled Components, Accessibility, Agile Methodologies, Figma, Decision Making
- Worked in the design system team, building a robust and modern React and Web Component library
- Developed and tested new components for the library from the ground up, working closely with designers/clients
- Built and maintained a Style Dictionary-based system for design tokens management and distribution
- Maintained a close relationship with clients and helped with the maintenance of existing library features, as well as taking part in important decision making sessions for the direction of the library
- Carried on interviews and live feedback sessions with clients of our library

ddroidd Limited,   **Cluj-Napoca, Romania**
Frontend Developer Intern   *Jul 2022 - Sep 2022*
- **Relevant Skills**: React, TypeScript, Prime React, HTML 5, SASS, Figma, APIs, Responsive Design
- Built a React application from the ground up to facilitate clocking in and out of work for company internal use

PROJECTS

Movie Backend | github.com/PotatoGolden76/movie-backend   **2023**
- **Technologies:** Django, Django Rest Framework, PostgreSQL, SQLite, GCP
- Demo backend written in Django, using django-rest-framework, part of a semester-long university assignment
- The application provides proper HTTP code responses, request pagination, validation and Swagger integration
- Hosted on Google Cloud and connected to a PostgreSQL server hosted on the same platform. It has been stress tested with 10 million database entries

Gists Browser | potatogolden76.github.io/gists-browser | *React, TypeScript, SASS, GitHub API*   **2022**
- Website that allows you to browse the public gists of any GitHub user
- The website provides a fast and responsive interface, complete with a syntax-highlighting code viewer

Toy Interpreter | https://github.com/PotatoGolden76/toy-interpreter | *Java, OOP*   **2022**
- A toy interpreter for a fictional programming language, built using Object Oriented Programming, as part of a university assessment.

AWARDS & COMPETITIONS

iTEC Game Development Hackathon | participation | 2019, 2023, 2024
UniHack | Winner of 2 prizes | 2022, 2023
Open Banking Hackathon | finalist | 2022
National Olympiad in Informatics | 3rd place at the Regional Stage (2019), National Stage (2017)

TECHNICAL SKILLS & PASSIONS

Spoken and Written Languages: Romanian (native), English (C2 proficiency)
Programming Languages: JavaScript/TypeScript, Python, C++, Kotlin, Java, HTML5/CSS3, GDScript
Concepts and Paradigms: Web Accessibility, Data Structures, Algorithms, Test Driven Development, Layered Architecture, Modular Design, Object Oriented Programming, Parallel Programming, Mobile Development
Passions: Reading, Hiking, Running, Biking, Tabletop Roleplaying Games, Dungeons and Dragons, Video Games, Game Development, Guitar, Electronics, Robotics, Photography