

# Daniel Ilies

✉ iliesh.daniel@gmail.com | ☎ (+971) 54-753-6361 | 📍 Dubai | 🔗 <https://daniel-iliesh.github.io>

## Experience

Iasi, Romania

2023-06 – 2025-05

### SOFTWARE DEVELOPER

- Applied advanced software architecture concepts to engineer and deploy AdCognition, an AI-powered browser extension using TypeScript and TensorFlow.js for real-time ad detection and blocking
- Utilized TypeScript to develop RoboGPT, an innovative Nvidia Isaac Sim extension for controlling robots via natural language commands using LLMs and OpenAI APIs, optimizing for performance and efficiency
- Led frontend development with Vue.js and Vuetify, refactoring an exam management platform to improve user experience and reduce page load times by 25%
- Collaborated with UI/UX designers and participated in code reviews to ensure clean, maintainable code and articulate technical concepts effectively

Remote, Germany

2025-01 – 2025-06

### FULL-STACK ENGINEER

- Demonstrated expertise in TypeScript by architecting and building key dashboard and form components for campaign management, applying advanced software architecture for efficient solutions
- Optimized code for performance and collaborated on system design and API integration to ensure seamless functionality and cross-browser compatibility
- Implemented responsive design principles to deliver scalable desktop and web applications with a focus on innovation and problem-solving

Remote, Romania

### CUSTOMER SERVICE REPRESENTATIVE

- Innovated Otis, a JavaScript-based templating software automating form-filling and email generation, winning 1st place in company-wide innovation contest and improving team efficiency
- Applied problem-solving skills to address complex challenges, articulating technical concepts to non-technical stakeholders
- Collaborated with diverse team members to ensure high-quality outcomes in software development initiatives

## Skills

**TypeScript & Desktop Development:** TypeScript, ElectronJS, Desktop Applications, Software Architecture

**Frontend Development:** Vue.js, JavaScript (ES6+), HTML5, CSS3

**Development Tools:** Git, Docker, CI/CD

## Projects

### AdCognition

TypeScript, TensorFlow.js, Browser Extension, Desktop Software, AI

AI-POWERED BROWSER EXTENSION FOR REAL-TIME AD DETECTION AND BLOCKING, ARCHITECTED AS A ROBUST DESKTOP SOFTWARE APPLICATION USING TYPESCRIPT.

### RoboGPT

TypeScript, Nvidia Isaac Sim, LLMs, OpenAI API, Desktop Extension

NVIDIA ISAAC SIM EXTENSION FOR CONTROLLING ROBOTS VIA NATURAL LANGUAGE COMMANDS, DEMONSTRATING EXPERTISE IN BUILDING EFFICIENT DESKTOP APPLICATIONS WITH TYPESCRIPT INTEGRATION.

### Otis – Customer Support Automation Tool

JavaScript, Automation, Software Architecture

JAVASCRIPT-BASED TEMPLATING SOFTWARE FOR AUTOMATING FORM-FILLING AND EMAIL GENERATION, SHOWCASING PROBLEM-SOLVING IN ROBUST APPLICATION DEVELOPMENT.

## Education

### University "1 Decembrie 1918" of Alba Iulia

BACHELOR'S DEGREE IN INFORMATICS

GPA: 9 out of 10

2019-10 – 2022-07

## Awards

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2023	<b>1st Place Innovation Contest</b> , Awarded for developing Otis, a JavaScript-based templating software that automated form-filling and email generation, demonstrating innovation in software development	<i>CGS Romania</i>
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