# Costa David-Anton

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## Skills

**Languages:** C#, C++, Python, TypeScript, JavaScript, GLSL, Kotlin, VB, HTML, CSS
**Game Engines:** Unity, Unreal Engine 4.5 & 5, Godot, GameMaker
**Frameworks:** Spring Boot, React, Angular, AngularJs
**Cloud:** AWS, Firebase
**Technologies:** Docker, Node.js, Git

## Experience

**VR Developer - Unity** Luminess Romania – Cluj-Napoca, Cluj                     Oct 2023 – Dec 2025
- Implemented interactive educational VR scenarios based on client design documents.
- Integrated a Moodle API in our Unity project to allow saving data to user accounts, keeping track of answered quizzes, points gained in the scenario, and percentage of material completed.
- Fixed gameplay bugs and updated scenarios to match any changes to the design documents.
- Created shaders for scenarios when the art team had their hands full with other tasks.

**Gameplay Programmer - Unity** Tractor, Set, GO! – Cluj-Napoca, Cluj                     Dec 2021 – Aug 2023
- Implemented weapon behaviours, traversal and combat abilities in a top-down shooter.
- Integrated sounds, animations and effects, provided by the art team, in multiple games.
- Implemented quests in an educational web-based RPG.
- Developed two VR applications for presentation purposes, one for city planning and one for car airbags.

**Full Stack Developer** ARRK Research & Development – Cluj-Napoca, Cluj                     Apr 2021 – Dec 2021
- Developed and maintained a web application to keep track of car components registered in a database.
- Deployed said application on AWS.

**Programmer/Localisation Engineer - Unity** Pragmatic Play – Bucharest                     Jan 2019 – Jun 2019
- Created Unity editor extensions to streamline game production.
- Maintained and improved a localisation extension used to translate texts in multiple languages automatically.

**Front-End Developer - Internship** Property Shark – Cluj-Napoca, Cluj                     Mar 2018 – Sep 2018
- Created User-Acceptance Tests using Visual Basic
- Updated an older .Net application with new UI and new search features.

## Projects

**Card Game - Unity**                     https://antoncosta.github.io/cardGame
- Implemented a multiplayer collectible card game based on a client's design document.
- Deployed the game on AWS, having multiple games possible at the same time.

**Solitaire Expert**                     https://antoncosta.github.io/solitaireexpert
- Implemented a mobile solitaire game based on the client's old Visual Basic project.
- Released the game to Google Play Store and Apple App Store

## Education

**School** – MS in Graphics, Multimedia & Virtual Reality                     2018-2020
**School** – BS in Compute Science                     2015-2018