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📍 Bucharest

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## Computer skills

React

Angular

ASP.NET MVC5

Java

C++/C#/C

OOP

Unity

Python

PL/SQL

HTML&CSS

Digital Artist specialized in  
Comics and Illustration

## Social networks

🐦 AndreeaCreita

in AndreeaCreita

## Courses

Java Programming, Oracle  
Academy

Java Fundamentals, Oracle  
Academy

Database Design and  
Programming with SQL, Oracle  
Academy

ECDL PROFILE CERTIFICATE,  
ECDL

Database Programming with  
PL/SQL, Oracle Academy

# Andreea Creita

## Junior Software Developer

Freshly Graduate Computer Science student who is eager to improve and develop their skills and knowledge

## Education

### ● Bachelor of Computer Science

From October 2020 to July 2023 University of Bucharest Bucharest

**Bachelor's Thesis Degree:** 9.66

**Relevant Coursework:** Data Structures, Algorithms, Databases, Object-Oriented Programming, HTML, CSS, Networking, Operating Systems

### ● Baccalaureate Diploma

From September 2016 to June 2020 "Grigore Moisil" National College Urziceni

GPA 9.65/10

## Work experience

### ● Intern at Infosys

From August 2022 to October 2022 Infosys Bucharest

Successfully completed the **InStep Global Internship Program** ("Internship") at Infosys Limited in " **Witch one wins**" under the guidance of Radu Dobre, Senior Program Manager, with the **Engineering unit**.

The project consists in a 2d Platformer Game made with **Unity**

### ● Software Developer Intern at Société Générale

From November 2022 to May 2023 Société Générale Bucharest

Successfully completed the 6 month Internship Program at Société Générale as a **Software Developer**, working with **Unix & PL/SQL**.

## Personal Projects

### CONVERSATION BASED AVATAR BEHAVIOR

- Research on how to animate realistic nonverbal behaviors by training a **ML-based generative model**, following facial expression and body pose parameters, conditioned on features stemming from a conversation.
- Worked with **SAIBA Framework Greta**
- Used **Chi Squared Tests** on the results
- This paper is my Bachelor's Degree Thesis

### RPGLand

- RPGLand ([GitHub link](#)) is a **React project** designed for people who enjoy writing to participate in interactive story role play writing about their favorite characters.
- The app has the following features:
  - **Multiple routes**
  - **Firebase backend**
  - **State manager**
  - **Reusable components that are connected**
  - **Public and private routes**
  - **Forms**

## Languages

French

English

## Personal Projects

### Cat Android App

- Cat ([GitHub link](#)) is an **Android App** designed for matching stray cats with cat lovers who will adopt them.
- The app is developed with **Kotlin**, having the following features:
  - **RecyclerView**
  - **Android Sharesheet**
  - **Taking photos integration**
  - **Social Login & Login**
  - **Web services**
  - **Firebase backend**

### Parfu - ASP.NET Core MVC Project

- Parfu ([GitHub link](#)) is a page application for online shopping of perfumes, developed using **C# , JavaScript , CSS & HTML**. The project includes **MVC design patterns** and uses **MsBuild** as a build tool.
- Objective: becoming familiar with **ASP.NET Core** while creating a perfume online shop

### "Witch One Wins" - Unity 2d Game

- As part of InStep Internship project, "Witch one wins" is a **2D platformer game** which contains a Main Menu & Settings Menu and three different levels.
- The first level objective is to collect coins in a timed environment.
- The second level objective is to go through a map and dodge the magic that comes from the sky. If the magic hits you, your HP will decrease.
- The last level contains the Boss Fight with an Evil Wizard.
- The game was made using **Unity & C#**

### Web API

- Gormet ([GitHub link](#)) is created to be a Back End server for a Recipe Social Media page application, using **ASP.Net Core**.

### "EndKill" - Unity 3d Game

- As a part of Game Development group project for University, EndKill ([GitHub link](#)) is a 3D endless first person shooter, made with **Unity**.
- The game contains 3 Menus (Main, Settings and Pause menu), 2 levels, Save & Load system, Highscore System and a difficulty system

### Delivery App Database

- Delivery App ([GitHub link](#)) is developed to be a complex database for managing the activity of a delivery app using **Oracle 11g**
- Objective: learning by implementing complex DBMS concepts such as **triggers, cursors, procedures, packages, exceptions, records**
- Used: **SQL and PL/SQL**

### Genetic Algorithms

- Implement a genetic algorithm ([GitHub link](#)) to determine the maximum of a positive function in a field given

### Museum Database

- developed a database for managing the activity of an Art Museum, using **SQL**

### RUDP Protocol

- Built a server and client for the Reliable UDP ([GitHub link](#)) communications protocol.
- Added parts of the **TCP protocol** such as **flags, 3-way handhsake, SEQ, ACK numbers** on top of the **standard UDP** protocol. It is less complex than TCP, but realiable unlike UDP

### KR Project Python

- Comparison between search techniques
- implemented using **BF, DF, DFI, A\*, A\* opt and IDA\* algorithms**
- [Link for viewing the project](#)

## Personal Projects

### Nine Men's Morris Python

- Implemented the **Nine Men's Morris Game** ([GitHub link](#)) using **alpha-beta and min-max algorithms in Python**
- The game follows the set of rules from the real life game

### Design Patterns Java

- Implemented design patterns using **Java** ([GitHub link](#))

### Jewelry Shop Application using Java

- Created a Java application named BijuMagee ([GitHub link](#)) that contain **8 classes and 9 interrogation** that based on the classes ( such as "add client", "delete client", "display client" for the client class)