

# Robert Cazacu

Software Engineer

Looking to achieve excellence in a meaningful way through balance and inner peace



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## WORK EXPERIENCE

### In-training Software Architect Oce Software

09/2015 – Present

Timișoara

Great opportunity to practice and learn software architecture from my mentor

#### Achievements/Tasks

- Prototyping various cutting-edge technologies and architectural patterns
- Designing architectural solutions
- Vastly improved all professional skills - from technical to soft skills

## PERSONAL PROJECTS

### OpenID Client plugin for UE4 (07/2019 – Present)

- Plugin library to support connecting to OpenID identity providers
- Made in C++

### Concert Notifier (07/2019 – 07/2019)

- Scans concerts in radius based on SongKick followed artists and notifies the user
- Built using AWS stack - AWS Lambda & AWS SNS

### SoundRun (01/2019 – 01/2019)

- Mobile game for blind people, inspired by "TempleRun"
- Game design based entirely on sounds
- Made in UE4

### Various UE4 Game Jams (2015 – Present)

- Participated in various Game Jams
- Vastly improved soft skills and project management skills

### Swan Adventure (01/2012 – 03/2012)

- First 3D game, written in C++ and OpenGL (no graphics frameworks)

### ChessThrone (01/2015 – 07/2015)

- 3D Multiplayer Chess Game, written in C++
- First contact with sockets, threads, security, networking

## EDUCATION

### Master of Machine Learning Politehnica University

2020 – Present

### Bachelor of Engineering Politehnica University

2015 – 2019

Timișoara

#### Thesis

- Research on improving traditional neural networks training methods

## SKILLS

Design patterns

Solution architecture

Data Science

Machine Learning

Flexibility

Interpersonal skills

Leadership

Angular

NodeJs

C/C++

Springboot

Julia

Go

Unreal Engine 4

Docker/Kubernetes

Azure/AWS

AR/VR

DevOps

## NOTABLE MENTIONS

Bronze medal at National Informatics Olympiad (2014)

1st Place iTec (2015)

1st place County Informatics Olympiad (2014)

1st Place City-wide Informatics Olympiad (2011)

1st Place City-wide Informatics Olympiad (2013)

2nd Place City-wide Informatics Olympiad (2012)

## INTERESTS

Game Development

Spirituality

Arts

Mixed Martial Arts

Research

Artificial Intelligence

Cutting-edge Technologies

Self Development