

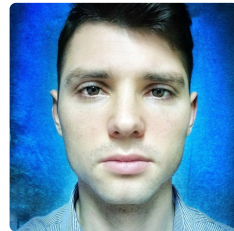
# Claudiu Constantin Bogdan

## Software Developer

Bucharest, Romania

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I've developed, debugged and deployed mobile applications, VR applications, web games and Single Page Web Applications. I have been involved in all the software development lifecycle, from planning up to deploying and maintaining. I've been a lead developer in most of the projects and I've also conducted the technical interview for software developers. I am a problem solver, fast learner and passionate about my work. I'm constantly working to improve my skills and learning how to create better software.

### SKILLS

#### Android Development

advanced

java android sdk  
android architecture

#### Front-End Web Development

intermediate

vuejs javascript html 5  
css/sass bootstrap4

#### Back-End Web Development

intermediate

nodejs javascript express  
mongodb

#### Unity3D

intermediate

c# .net particle system

### WORK EXPERIENCE (1)

#### Software Developer at Mind Treat Studios July 2018- Current

<https://www.mindtreatstudios.com>

I developed most of the studio creative projects, from mobile application, games, web applications, up to electronic circuits and projection mapping. I've also conducted the technical interview for software developers.

- Developing, refactoring and debugging Android applications implementing Android Architecture Components and Dagger.
- Designing application architecture/design patterns: MVC, MVVM.
- Developing Virtual Reality game with Unity and Vuforia.
- Developing web games with Phaser 3 engine and JavaScript.
- Programming embedded systems (Arduino) to control lights, solenoid valves, motors.

### PROJECTS (8)

#### Sound of Colours January 2019- February 2019

<https://oskar.nextadv.m75.ro>

spotifyapi docker vuejs nodejs express mongodb animejs bootstrap4

- Integrated Web App with Spotify API
- Used audio analysis data to create real time animation.
- Deployed Single Page Application with Node.js, MongoDB and Docker
- Implemented responsive web design.
- Created share and print functionality.

#### Access Taxi Driver/Passenger July 2018- October 2018

<https://play.google.com/store/apps/details?id=com.transorient.accestaxi.driver>

androidsdk googlemaps notifications android architecture

- Reduced the number of bugs by 90%
- Refactored application architecture to implement MVVM with Android Architecture
- Improve overall performance by more than 50%
- Implemented pixel-perfect design.
- Implemented Dagger2 and RxJava.

#### Mind Treat Studios Website December 2018- January 2019

[https://development.melon.m75.ro/mts\\_webpage/index.html](https://development.melon.m75.ro/mts_webpage/index.html)

phaser3 html 5 css jquery

- Created modular web application for MTS studio.

- Implemented swipe/scroll gesture in Phaser3
- Create import module for adding new page levels.

#### Blood Cancer Campaign December 2018- December 2018

unity3d shuriken particles system 3d webcamtexture

- Created blood cell animation with Unity particles system.
- Integrated animation with real time video.
- Created configuration mode to adjust animation parameters to fit input camera video.

#### Jurassic Box November 2018- December 2018

<https://youtu.be/jzRzCRIRxPc>

arduino raspberry pi electronic sensors

- Build electronic system for cinema 4D project.
- Created physical like button with Raspberry Pi and LCD screen.
- Created movement detection system that triggers the dinosaur video.
- Created control system for different devices (smoke machine, motors, solenoid valves) wit Arduino

#### Ia Digitala October 2018- November 2018

<https://bucurie.coresibrasov.ro/joaca>

phaser3d facebooksdk imagemask mvc

- Created a clothes customization game with Phaser.
- Created items menu to select different items to place over the base clothes.
- Created tool menu to manipulate clothes items (size, rotation, flip, delete).
- Implemented undo/redo system.

#### Solitaire2048 October 2018- November 2018

phaser3 web

- Developed solitaire-like game with combo effect.
- Learned to use phaser3 in less than a week.
- Added sound effects to card interaction.

#### Marsupius VR October 2018- October 2018

unity3d vuforia unityanimation video

- Debugged and completed VR project based on Vuforia and Unity3D.
- Developed Android version of the application.
- Improved Vuforia target detection.

#### EDUCATION (2)

at Udacity

2017 - 2018

automated testing android java

at Universidad de Sevilla

2012 - Current

data algorithms optimization c

#### LANGUAGES

English

Spanish

Romanian

#### INTERESTS

##### Autonomous flight

flight drones ai  
aerodynamics electronics

##### Artificial Intelligence

ai neural networks  
machine learning

I would like to create an

I am a beginner in this field.

I would like to create an  
autonomous drone.

I am a beginner in this field.