

# Ion Iascerinschi

SOFTWARE ENGINEER · COMPUTER SCIENCE MAJOR · STATE UNIVERSITY OF MOLDOVA

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## About Me

### Programming

Java · Python3 · TypeScript · C/C++ · Swift 4 · JavaScript

### Frameworks

Hibernate · Spring Boot/MVC/Security · PyQt5 · Angular 7

### Web/Media/Analytics

HTML/CSS/Javascript · Photoshop · Final Cut Pro · SQL

### Spoken Languages

English · Russian · Romanian

## Internships

### Next Generation Team

Chisinau, Moldova

SOFTWARE ENGINEER

Mar. 2019 - May 2019

- Developed image processing engine for dental desktop application (<https://www.3d-lynx.com/product/smile-lynx>)
- Designed and implemented UI and image cropping functionality for custom teeth libraries
- Developed Angular 7 WEB application for pharmacy. Main purpose being CRUD operations for clients and suppliers

### ISD-Group

Chisinau, Moldova

JAVA DEVELOPER

Jul. 2018 - Aug. 2018

- Implemented RESTful API server for sport related Android application
- Built and deployed overall service infrastructure using Spring Boot and Hibernate, focusing on high-availability and fault tolerance
- Developed parts of GUI in Android application using libGDX library and connected application to server using HTTP requests

## Projects

### Student Schedule (USM-FMI)

Chisinau, Moldova

ANDROID APPLICATION FOR UNIVERSITY FINAL YEAR PROJECT

Jan. 2019 - Jun. 2019

- Developed Android application using fragments and different layout approaches
- Implemented RESTful API server for "Student Schedule" application using MVC pattern
- Developed WEB application as admin panel for managing schedule, groups, students and teachers using jsp pages
- Implemented jQuery based JSON editor that converts the JSON array into an editable HTML table for editable schedule

### Paint App

Chisinau, Moldova

PYTHON3 CROSS PLATFORM DESKTOP APPLICATION

Mar. 2019 - Apr. 2019

- Built GUI using QML for basic layout (Canvas & Instruments)
- Implemented UI event handling in python3 for layout buttons, drawing and mouse right/left click in PyQt5
- Implemented Color Palette, Brush, Rectangle and Segment Instruments with possibility to clear all items from canvas

### Clima, Quizzler, Flash-Chat

Chisinau, Moldova

IOS SIMPLE APPLICATIONS USING SWIFT 4

Jul. 2018 - Aug. 2018

- Implemented live messaging and cloud storage using Google Firebase in "Flash-Chat" app, developed weather app "Clima" using localized GPS data and HTTP requests for weather data retrieval and built GUI for "Quizzler" app with questions, progress bar and points

## Education And Training

### State University of Moldova

Chisinau, Moldova

BACHELOR IN COMPUTER SCIENCE

Sep. 2016 - Jun. 2019

Faculty of Mathematics and Computer Science

### Endava AM Tech Course

Chisinau, Moldova

JAVA (J2EE) COURSE

Oct. 2018 - Jan. 2019

- Developed WEB application as tool for project management (Maven, Tomcat, Spring MVC/Security, Hibernate, PostgreSQL, jsp, js)
- Designed and implemented query persistence on database using HQL (Hibernate Query Language)

### Academy+ <Born To Code>

Chisinau, Moldova

SOFTWARE ENGINEERING COURSE

Aug. 2017 - Sep. 2018

- Wrote own implementations of standard C libraries
- Solved puzzles using backtracking technique, oriented graphs and different data structures