

Personal Information

FIRST NAME / SURNAME Dobrean Dragoș Laurențiu
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WEB www.dobrean.ro
NATIONALITY Romanian
DATE OF BIRTH 1993
GENDER Male

Work Experience

DATES September 2016 - Present
POSITION Co-Founder
RESPONSIBILITIES

- Build custom applications for various partners, video live streaming, e-commerce, navigation, home automation, social apps
- Planning, time estimates, communication, client acquisition
- Assist developers, handle out tasks

EMPLOYER / ADDRESS APPSEMBLE
Henri Barbusse 59, Cluj Napoca, Romania

DATES February 2016 - March 2017
POSITION iOS Developer
RESPONSIBILITIES

- Design and build various types of application, and do maintenance for all types of iOS devices
- Collaborate with multinational teams from various projects for implementing new features
- Train junior developers, handle out tasks

EMPLOYER / ADDRESS P3
Strada Republicii 81, Cluj Napoca, Romania

DATES January 2015 - February 2016
POSITION iOS Developer

- RESPONSIBILITIES**
- Design and build navigation applications for iOS devices
 - Collaborate with cross-functional teams to implement new features
 - Work on bug fixing and improving application performance

EMPLOYER / ADDRESS **Telenav**
Cluj Napoca, Str. Cuza Vodă 1, 3th floor, România

DATES October 2014 - January 2015

POSITION iOS Developer

- RESPONSIBILITIES**
- Design and build applications for iOS devices

EMPLOYER / ADDRESS **ServusTech**
Str. Iugoslaviei 19 Cluj Napoca, România

DATES June 2014 - October 2014

POSITION Software Developer

- RESPONSIBILITIES**
- Design, develop and modify modules based on functional and system requirements
 - Participate in testing process through unit testing and bug fixes
 - Work closely with the Team Leader, Business Analyst and Product Owner for understanding the functional and system requirements

EMPLOYER / ADDRESS **Catalysts**
Huemerstraße 23, A-4020 Linz, Austria

Education and Training

DATES 2017 - 2021

QUALIFICATION AWARDED PhD Student

PRINCIPAL STUDIES Computer Science - Software architectures on mobile platforms

INSTITUTION Babeş-Bolyai University, Cluj Napoca, România

DATES 2015 - 2017

QUALIFICATION AWARDED Masters's degree

PRINCIPAL STUDIES Computer Science - Distributed systems

INSTITUTION Babeş-Bolyai University, Cluj Napoca, România

DATES	2012 - 2015
QUALIFICATION AWARDED	Bachelor's degree
PRINCIPAL STUDIES	Computer Science
INSTITUTION	Babeş-Bolyai University, Cluj Napoca, România

Academic activity

- DIDACTIC ACTIVITY** Programming Fundamentals (seminars, laboratory)
Object Oriented Programming (laboratory)
Artificial Intelligence (seminars, laboratory)
- PAPPERS** Dragos Dobrean and Laura Diosan. **Detecting Model View Controller Architectural Layers using Clustering in Mobile Codebases.** In Proc. of the 15th International Conference on Software Technologies, 2020. ISBN 978-989-758-443-5, pages 196-203. DOI: 10.5220/0009884601960203
- Dragos Dobrean and Laura Diosan. **A Comparative Study of Software Architectures in Mobile Applications.** Studia Universitatis Babeş-Bolyai Informatica, [S.l.], v. 64, n. 2, p. 49-64, dec. 2019. ISSN 2065-9601
- Dragos Dobrean. **Automatic examining of software architectures on mobile applications codebases.** In Proc. of the 35th IEEE International Conference on Software Maintenance and Evolution, 2019
- Dragos Dobrean and Laura Diosan. **An analysis system for mobile applications mvc software architectures.** In Proc. of the 14th International Conference on Software Technologies, 2019.
- Dragos Dobrean and Laura Diosan. **Model view controller in iOS mobile applications development.** In Proc. of the 31st International Conference on Software Engineering Knowledge Engineering, 2019

Dragos Dobrean and Laura Diosan. **Importance of software architectures in mobile projects.** In Proc. of IEEE 15th International Symposium on Applied Computational Intelligence and Informatics, 2021.

Dragos Dobrean and Laura Diosan. **A hybrid approach to MVC architectural layers analysis.** In Proc. of 16th International Conference on Evaluation of Novel Approaches to Software Engineering, 2021.

Skills and Competences

LANGUAGE SPOKEN	Romanian
OTHER LANGUAGE(S)	English
COMPUTER SKILLS AND COMPETENCES	Good ability to adapt to multicultural environments and good communication skills, gained through my work experience abroad. Programming languages: Objective-C, Swift, Java, Ruby, C/C++, Python Frameworks: iOS, Ruby on Rails Source control: Git, SVN Others: Shell scripting, Jenkins