

Mihai-Emilian Buduroi

Final year student, interested in Software Engineering and DevOps

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*Final year student with technical experience in low-level software development, web platforms and mobile apps. My plan is to complete my degree in **BSc Computer Science with an Industrial Year** and work as a DevOps engineer.*

Education

BSc Computer Science with a Year in Industry at **University of Birmingham** - 2016 - 2020

- On track for a 2.1
- Studying Object-Oriented Programming, Software Engineering and Computer Systems & Architecture
- Managing team projects further developing my leadership skills

National College of Computer Science "[Matei Basarab](#)", [Romania](#) - 2012-2016

- 1st in Advanced Maths - 90.0%
- 1st in Computer Science subject - 91.0% (C++ Programming)

Key Skills

Technical Experience

- Object-oriented, multi-threading programming and networking with [JAVA](#), C++ and PHP
- Agile practices and methodologies: Scrum / Kanban
- Version control: SVN, [Git](#), BitBucket
- Skilled in [SQL](#)
- RESTful [APIs](#) and [JSON](#)
- Continuous integration tools such as Jenkins/Hudson, GoCD
- Build tools such as [Maven](#) and Gradle for dependency management and deployment
- Logging and testing tools such as log4j 2.0 and JUnit 5

Work Experience

Web Developer - [Magic 42](#), Birmingham - October 2018 - Present

- Implementing code daily
 - Using PHP, JavaScript/jQuery and markup languages to extend webplatform functionality
 - Creating reviews for code and participating in functionality demonstrations
 - Researching and helping to architect the front-end of new platform using MVC
- Improving internal practices and establishing strong code standards practices based on [PSR](#)

- Solving recurring Vagrant and Docker problems , improving team productivity
- Certification in progress for JavaScript and jQuery
- Presented and organised a fitness workshop for my colleagues
 - All participants were engaged in the interactive workshop
 - Shared my knowledge about exercise and nutrition

IT Project Manager at Study Abroad & Exchanges, University of Birmingham, Feb 2018 - Present

- Optimized the website for search engines
- Created user manuals for University Virtual Learning Environment
- Integrated plugins with University of Birmingham's website

Freelance Web Developer - Summer 2018

- Developed a website for a real estate agency
 - Currently [live website](#)
 - Hosted on Amazon, with Wordpress CMS using a theme independently developed by myself
 - Integrated plugins to:
 - Track usage and dataLayer (with Google Tag Manager)
 - Increase property visibility on Google
 - Support multiple languages

Volunteering

- Software Engineering Representative in Staff Student Consultative Committee (School of Computer Science)
 - Contributed ideas regarding module choices, SoCS module format
 - Resolved deadline clashes by negotiating submission deadlines for my year group
- Red Cross Volunteer
 - First Aid Service Volunteer in Romania

Leadership

- Project Lead for Software Engineering module group work 2017-2018 with 1st awarded
- Lead my team in Professional Computing module group work 2017-2018, showcasing [Internet Censorship](#)
- Managed my team in the [IBM University Business Challenge 2017](#) - #1 team in the preliminary stage and obtained a [certificate](#)

Open Source Experience

Awards and Hackathons

- BrumHack 2017
 - MultiPurpose ESP8266 low power WI-FI button (C++)
- Aston Hack 2017 - Best Use of Hardware Award
 - Made an audio sampler using MakeyMakey and RaspberryPI

- *Hacknotts 2017 - Second Prize in Bloomberg Hackerrank Challenge*
 - *HackerRank*
- *Student Hack V 2016 - Amazon Award - Best use of Amazon Alexa*

Self Taught Skills

- *Objective C++ (<https://github.com/bemihai22/drone>)*
 - *Drone prototype for my Final Year Project, which will be a low cost drone, built from scratch*
- *RESTful APIs (<https://github.com/bemihai22/christmas-crackers-dbm>)*
 - *Merged 3 API's to create organic data*
- *Amazon Web Services EC2 Management*
 - *Used in Team Project (module) to host a server for a game*
- *Android Development*
 - *Also part of my Final Year Project*

Additional languages

Romanian (Native), **English** (Fluent) **French** (Intermediate)

Hobbies

- *Fitness and cycling*
 - *Training 5 times a week for the past 18 months*
 - *Demonstrates patience and perseverance to get significant results naturally*
 - *Cycled to work every day (10 mile roundtrip)*
- *Music*
 - *Taught myself piano in my own time*
 - *Sang as a part of a youth choir for 3 years*