# Mihai-Emilian Buduroi

**Interested in Software Engineering and Networks Development**

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> Second year student with technical experience in developing advanced standard-based applications and 2 years in front-end development. My plan is to complete my degree in **BSc Computer Science with Software Engineering** and work as a DevOps engineer.

## Key Skills

**Technical Experience**

- Skilled in object-oriented and multi-threading programming | **JAVA**, **C++**
- Successes in programming with functional programming languages (Kotlin, Haskell, OCaml)
- Experienced with build tools such as Maven and Graddle for dependency management and deployment - **Maven Project**
- Experienced with logging and testing tools such as log4j 2.0 and JUnit 5
- Android Development for Phones and Wearables
- Experienced with RESTful APIs and JSON
- SQL with PostgreSQL, MYSQL
- Excellent teamwork with version control: GIT on Github and Gitlab

## Education

**BSc Computer Science** with *Software Engineering* at **Birmingham University** - 2016 - 2019

- On track for a 2.1
- Studying Object Oriented Programming, Software Engineering and Security as part of my course

**National College of Computer Science** *"Matei Basarab"* - 2012-2016

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

## Work Experience

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

- Managed a project in which I securely translated a database in order to comply with European Commission Regulations
- Redesigned the Study Abroad & Exchanges online page
- Optimized the website for Google, Bing and DuckDuckGo search
- Created user manuals for Canvas tool
- Integrated custom plugins with the current website

**S.C. LITRA SRL - Product Design and Web UX/UI, Jun 2014- Sep 2016**

- 3D Modelling in Cinema4D and Maya
- Vector design in Illustrator and photo correction with Photoshop
- WordPress integration with WooCommerce

**Volunteering**

- Software Engineering representative in School of Computer Science Committee
- GitHub ["Campus Expert"](#) since October 2017

**Leadership**

- Software Engineering project leader 2017-2018 with 1st class awarded grade
- Professional Computing group presentation leader 2017-2018, showcasing Internet [Censorship](#)
- University Business Challenge 2017, #1 team in the preliminary stage, where a team of 5 leads a simulated company and the goal is to obtain the best profit after 8 trading periods

# Open Source Experience

**Awards and Hackathons**

- BrumHack 2017
- Aston Hack 2017 - Best Use of Hardware Award
- Hacknotts 2017 - Second Prize in Bloomberg Hackerrank Challenge
- Student Hack V 2016 - Amazon Award - Best use of Amazon Alexa

**Conferences**

- Hacktoberfest 2017
- AWS Summit London 2017
- Black Hat London 2016

**Selft Teach**

- Objective C++ (https://github.com/bemihai22/drone)
- RESTful APIs (https://github.com/bemihai22/christmas-crackers-dbm)
- Amazon Web Services EC2 Management
- Android Development

# Languages spoken

- ***English*** (Professional)
- ***Romanian*** (Native)
- ***French*** (Intermediate)

# Hobbies

In my free time I try to master soldering and create IoT projects. I also enjoy computer games, especially the competitive ones, such as League of Legends and FIFA. Early mornings start with a 4k run and evenings normally end with training in the gym.