

# Mihai-Emilian Buduroi

Interested in Software Engineering and Network Security

Most recent version of my CV can be found [here](#)

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 **MEng Computer Science with Software Engineering** and work as a DevOps engineer.

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## Key Skills

### Technical Experience

- Skilled in object-oriented and multi-threading programming | [JAVA](#)
- Successes in programming with functional programming languages (Kotlin, Haskell, OCaml)
- Experienced in requirement analysis, software design and deployment
- Android Development on Android SDK Platform 25+
- Experienced with RESTful API and JSON
- SQL with PostgreSQL, MYSQL, NoSQL
- Excellent teamwork with version control: GIT on Github and Gitlab

### 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, first 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

### Volunteering

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

## Education

**MEng Computer Science** with *Software Engineering* at **Birmingham University** - 2016 - Now

- On track for a 2.1
- Studying Functional Programming, C++ and SQL 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

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

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

# 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 - Participated with a team of 4, discovering the potential of Amazon Alexa

## Conferences

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

## Selft Teach

- C++ for [mbed \(ARM\)](#).
- RESTful APIs
- PHP & Google Cloud
- Implementing new skills for Amazon Alexa
- Android Development (Udacity)

## Languages spoken

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

# Hobbies

In my free time I like to find better ways to solve trivial problems, by soldering, programming or simply reading articles or following tutorials. I am also interested in 3D printing and quadcopters.