Dragos Fotescu

SOFTWARE ENGINEER STUDENT · SECURITY ENTHUSIAST

Barcelona, Spain

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Experience

Shargo.io   *Barcelona, Spain*
BACKEND ENGINEER   *Jun. 2016 - Present*
- Developing and maintaining servers and REST APIs with NodeJS and MongoDB.
- Designing and solving numerous Vehicle Routing Problems and other real-time logistics problems.
- Performed several security auditions targeting critical flaws for the systems infrastructures.

Freelance   *Barcelona, Spain*
FULLSTACK DEVELOPER   *Mar. 2016 - Present*
- Developing custom front-end software using HTML/CSS, JavaScript/JQuery and Bootstrap.
- Adding features and taking part in the Software development process of existent software with PHP and MySQL.
- Maintaining, customizing and adding new requested features to Wordpress, Joomla and other content management systems.

Google, Inc.   *Barcelona, Spain*
SECURITY RESEARCHER   *Mar. 2016*
- Discovered an expression injection flaw in the AngularJS template.
- Discovered an arbitrary upload to a Google's sandbox server linked to a Google page.
- Top 140 on Google's Hall of Fame over more than 1000 people. Check my Google bughunter profile. *http://dragosfotescu.com/bh/*

Education

B.S. in Computer Science and Engineering   *Barcelona, Spain*
POLYTECHNIC UNIVERSITY OF CATALONIA   *2013 - Present*

Assisted to Android Foundamentals Course   *Barcelona, Spain*
BARCELONA ANDROID STUDENTS CLUB WITH GOOGLE   *Mar. 2015*

Full-Stack Development Course   *Online*
FREE CODE CAMP, INC.   *Apr. 2016*

Skills

JavaScript	Fluent with JavaScript, specially with **NodeJS** acquired both in my free-time and in my jobs experiences. Also, worked with ES6, Express, Mocha, JQuery and other many JavaScript libraries and frameworks.
C/C++	Strong background with C and C++ as I have been using it successfully every semester at university in all kinds of subjects like Computer Networks, Operating Systems, Data Structures and Algorithms, Computer Architectures, etc.
Security	Have done several **penetration tests** in real systems and environments finding critical vulnerabilities. Aware of majority and most important security flaws and I love to prove the security of every system. Always write code with good security practices in mind.
Databases	Worked a lot with **MongoDB** databases, optimizing queries, designing Models Schemes, and configuring the DBs. Also, worked too with relational databases (PostgreSQL and MySQL) designing and administrating them.
Other skills	Agile methodologies. Knowledge sharing. Teamplayer and cooperative. Effective communication. Self-learner and entrepreneur. Creative and innovative. Flexibility and adaptability.

Languages

Excellent with **Spanish**, **Catalan** and **Romanian**. Fluent with **English**.

Basic with **French** and **Russian**.