

Andrei-Marius Longhin

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First Year Computer Science student. Enthusiastic about programming, technology and everything computational.

Skills

Programming	JAVA*, Python*, OCaml, C++, Bash Scripting
Web	Python WebApps*, SQL(MySQL, SQLite, PostgreSQL)*, HTML5*, CSS*, PHP, JavaScript
Frameworks/Libraries	Python: Flask*, sqlalchemy*, BaseHTTPServer*; JAVA: JavaFX*, Android SDK*, leJOS
Tools	Unix Shell*, Eclipse IDE*, Codeblocks, Git*, Android Studio, LaTeX, Office Suite*
Languages	Romanian*, English*, French
	* Denotes working knowledge (skills without * fall into Basic Knowledge category)

Project Experience

Robot Warehouse - [GitHub Repository](#)

Birmingham, United Kingdom

SOFTWARE DEVELOPER (TEAM MEMBER)

Feb. 2016 - Apr. 2016

- Worked as part of a team to produce code that can be run on NXT Robots
- Designed and developed a Management GUI so that users can easily control robots from a computer
- Implemented a real-time updating simulation of robots' movement to help users better visualise robot behaviour at any moment
- Technologies used: JavaFX, leJOS

Autolec - [GitHub Repository](#)

Warwick, United Kingdom

SOFTWARE DEVELOPER (TEAM MEMBER)

Feb. 2016

- Proposed the idea of an app that automates tasks before lectures
- Worked alongside Project ATAA members to put the idea into practice, thus bringing Project ATAA 2 prizes at WarwickHACK
- Provided automation for the following tasks: turning wi-fi and sound on/off, adjusting screen brightness, in order to make students' life easier
- Worked at the JAVA Class that was used for communication with the database
- Held the demo presentation
- Technologies used: MySQL, Android SDK

Safe Escort Website - [Link to website](#)

Bucharest, Romania

WEB DEVELOPER

Mar. 2012

- Designed and developed the website
- Created logos and other graphic elements
- Technologies used: HTML, CSS, Adobe Photoshop

Education

University of Birmingham

Birmingham, United Kingdom

MSC IN COMPUTER SCIENCE - FIRST YEAR RELEVANT SUBJECT GRADES:

Oct. 2015 - PRESENT

- Elements of Functional Computing (OCaml): 100%
- Software Workshop (JAVA): 94.82%
- Robot Programming: 96.69%

Udacity

Birmingham, United Kingdom

FULL-STACK WEB DEVELOPER NANODEGREE

Mar. 2016 - PRESENT

- Currently working on Nanodegree
- Learning how to build web-apps using Python(also some Frameworks e.g. Flask) and SQL

"Alexandru-Ioan Cuza" Theoretical Highschool

Bucharest, Romania

ROMANIAN BACCALAUREATE CERTIFICATE

Jul. 2015

Cambridge English Language Assessment

CERTIFICATE OF PROFICIENCY IN ENGLISH GRADE A

Bucharest, Romania

Nov. 2014

ECDL Romania

ECDL (EUROPEAN COMPUTER DRIVING LICENSE)

Bucharest, Romania

Mar. 2014

Work Experience

SC Safe Escort SRL

Bucharest, Romania

WEB DEVELOPER

Mar. 2012

- Developed company's static(presentation) website and thus made the company's interactions with clients more straightforward and efficient
- Provided occasional tech support and maintenance checks in order to give clients a strong sense of security in regards to the web-page

British Council, Romania

Bucharest, Romania

MARKETING ASSISTANT

Jan. 2012

- Provided tech support for Teesside University officials, making registration quicker and more efficient
- Interacted with future students and increased the University's popularity among them in a significant way
- Translated and interpreted from Romanian to English and vice-versa to ensure that the interaction between potential students and staff was running smoothly

Honors & Awards

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|------|---|--------------------------------|
| 2016 | 1st Place , WarwickHACK "Build a hack that uses NFC and makes students' life easier" Challenge by Black Pepper Softwares | <i>Warwick, United Kingdom</i> |
| 2016 | 3rd Place , WarwickHACK Best Hacks | <i>Warwick, United Kingdom</i> |

Other Interests

CSS (Computer Science Society)

Birmingham, United Kingdom

MEMBER

Mar. 2016 - PRESENT

- Participated in most of the activities organised by the society (e.g. Hackathons, Workshops, Social Gatherings etc.)

Project ATAA

Birmingham, United Kingdom

FOUNDING MEMBER

Nov. 2015 - PRESENT

- Participated in hacking competitions: BrumHack, BAE Capture the Flag, Great Uni Hack etc.
- Developed Android Apps such as Autolec or EyeC