

# Petru-Armand Bancila

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## Education:

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- 2015 - present: King's College London, University of London: BSc (Hons) in Computer Science.
- 2011 - 2015: National College Ion Creanga: Mathematics – Informatics.

## Professional Experience:

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- August 2016 - September 2016: Oracle Summer School Internship (Bucharest, Romania).

## Certifications:

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- 2015: Cambridge English: Advanced (CAE): Level C (C1).
- 2015: IELTS: 7.5 (C1).
- 2014: CISCO IT Essentials.

## Languages:

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- English - C1 (CAE C, IELTS 7.5).
- Romanian - Native.
- French – Beginner.
- Japanese - Beginner.

## Professional Skills:

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- Java: multiple team projects written in it and IntelliJ, Gradle for building, Mockito and JUnit for mocking and unit testing and some other APIs where I used Git and GitHub / Bitbucket for VCS.
- Scala, C++, HTML + CSS + Bootstrap + JavaScript + Angular: beginner, have done small projects with them.
- Software Engineering: familiar with Agile methodologies for project planning, such as Kanban and XP. I have applied my knowledge about software processes, architecture, and design to my projects.
- Good research skills. Adaptable to the working environment and the latest tech developments.

## Significant Projects:

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- 2017: A MEAN (MySQL, Express, Angular, Node) web app written in a team of 9 students for a semester-long module project where we had to write a program for an external client. I was responsible for parts of the front end and mostly used Angular.
- 2016: A Java program (written in a team of 6 students) with JavaFX + JFoenix GUI + JSON API with Git (GitHub) for VCS that displayed information relevant to A-level economy students. The information was downloaded from JSON databases through means provided by the World Bank API.
- 2015: A Java program (written in a team of 4 students) with Java Swing GUI with Git (BitBucket) for VCS and in it used various APIs to download information from a server and display it to the user.
- 2014: I implemented several encryption algorithms, including: RSA, the Lorenz SZ42 cipher, and the MD5 hashing algorithm in C++ with the ttmath library for my college informatics attestation.

## Hobbies:

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- Sports: Swimming, Jogging, Muay Thai Kickboxing, weightlifting.
- Other hobbies: reading, music, IT, gaming, chess, drawing.