

# Armand Petru Bancila

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## Education:

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- 2015-present: King's College London, University of London: BSc (Hons) in Computer Science.
- 2012-2015: National College Ion Creanga: Mathematics, Informatics, and English Intensive.
- 2011-2012: National College Ion Creanga: Japanese Intensive.

## Professional Experience:

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- August 16 2016-September 9 2016: Oracle Summer School Internship (Bucharest, Romania).

## Certifications:

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

## Languages:

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

## Professional Skills:

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- Java: have done multiple team projects with 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: beginner, have done small projects with them.
- Software Engineering: have used Agile methodologies for project planning. Kanban, XP and I have used my knowledge about software processes, architecture and design to my projects.
- Good research skills.
- Adaptable to the working environment and the latest tech trends.

## Significant Projects:

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- A project where I implemented the RSA cryptosystem, the Lorenz SZ42 cipher, the Vernam XOR cipher, and the MD5 hashing algorithm in C++ with the BigInt library for my College Informatics Attestation, in 2015. I also created a simple encryption algorithm that involved bit manipulation.
- A Java program (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.
- A Java program (in a team of 6 students) with JavaFX + JFoenix GUI 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.

## Hobbies:

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