Mihai – Alexandru Ciorobea

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**EDUCATION**

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**Polytechnic University of Bucharest** 2013-present

* Pursuing a Master’s degree in Computer Science (1st year)
* Expected graduation year: 2015

**Polytechnic University of Bucharest** 2009-2013

* Obtained a Bachelor’s degree in Computer Science
* Final GPA: 9.24 out of 10
* Final thesis: 10 out of 10

**WORK EXPERIENCE**

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| **Adobe**  Bucharest, Romania  Macintosh HD:Users:mciorobe:Desktop:download.jpegMay 2013 – present | **Software Developer**  Now I am working in the discovery team, where the whole Digital Publishing workflow is rewritten.   * Java & Spring * Tomcat + Jetty * Jax-rs APIs + Jersey * Amazon Web Services (AWS) * Git & Jenkins   I am currently working at Digital Publishing Suite. In the analytics zone and on a search product.   * Java & Spring * Amazon Web Services (AWS) * Git & Jenkins * CoralUI & AngularJs |
| **Teacher Assistant**  Polytechnic University of Bucharest  February 2013 – May 2013  Macintosh HD:Users:mciorobe:Desktop:download (1).jpeg | **Algorithms and Design Analysis**  I was a teaching assistant at Designing Algorithms at Politecnica University of Bucharest. I worked with Traian Rebedea as course holder. We used algorithms from easy to medium or even hard difficulty. We had algorithms for:   * Searching * Gaming * Planning situations |
| **Adobe**  Bucharest, Romania  October 2011 – May 2013  Macintosh HD:Users:mciorobe:Desktop:download.jpeg | **Co-op Student**  Back to School program: as a developer in Business Catalyst team. BC is a all in one product for web-based businesses. It has   * Flexible Content Management * Powerful eCommerce * Targeted Email Marketing Customer Database (CRM) * Blogs & Various Webapps * Reporting & Analytics   **Used:**   * C# for the server side * IIS for web server * SQL Server * Cacti for the monitor script |
| **Adobe**  Bucharest, Romania  July – October 2011  Macintosh HD:Users:mciorobe:Desktop:download.jpeg | **Software Engineer Intern**  I worked at Adobe Translation Center. I wrote code for both the frontend and the backend.  **Used:**   * Java (Maven project) for the server side * GWT for the frontend part |

**PERSONAL PROJECTS**

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| Android Cycling App 2014 | I am currently working for an Android app dedicated for cycling application for Android. |
| Intelligent Code Generation 2013 | I have implemented a solution for identifying and extracting structural patterns. This project is used for a big software solution where patterns can be easily found.  **Used:**   * C# * Partial compiler for C#   AI and Pattern Detection for extracting the template |
| **COMPILATOR**  2013 | I wrote an compiler with all the 4 components   * Parser * Lexer * Optimizations * Code generation |
| **Quantum tic-tac-toe**  2013 | Ai engine for Quantum tic-tac-toe player using reward-learning strategies.  **Used:**   * Java * Reward-Learning algorithms |
| **Auction application**  2013 | This was a client-server application for billing and auctions.  **Used:**   * Java * Swing |
| AI for car driving 2011 | I have implemented an AI engine together with three classmates. The team won the First-Place of the Faculty Engine Championship.  **Used:**  Java, algorithms and data structures (BFS, Bresenham’s line algorithm, simulating the track) |