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| **ALEXANDRA LUCA** | 0755 369 650  alexandra.luca1611@gmail.com  github.com/alexandra-luca |

EDUCATION

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| 2016 – Present | Faculty of Automatic Control and Computers  University POLITEHNICA of Bucharest  Domain: Computer Science and Information Technology  Relevant subjects include: C programming, operating systems, data structures, object-oriented programming, algorithm design, local networks, parallel and distributed programming, computer graphics, algorithm analysis, programming paradigms |
| 2012 – 2016 | Mihai Viteazul National College  Mathematics and Informatics |

PROJECTS

* Bow and arrow 2D game

Designed and implemented a Bow and arrow-style game in C++ and OpenGL

Features: geometric design, collisions, animations, power-ups

* Skyroads 3D game

Designed and implemented a Skyroads-style 3D game in C++ and OpenGL

Features: 3D design, 3D animations, power-ups, levels, fragment shader design

* Responsive online store single page app

Implemented a responsive online store website using HTML, CSS, Javascript

Features: shopping cart, add/delete products, sorting, search bar

CERTIFICATIONS

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| Sep. 2020 | AWS Fundamentals: Going Cloud-Native (Coursera course) |
| Relevant concepts: cloud computing, distributed applications, services (computing, storage, database, security), AWS Console |
| Sep. 2020 | Version Control with Git (Coursera course) |
| Relevant concepts: git repositories, branching and merging, git commands, solving merge conflicts, pull requests |
| Aug. 2020 | HTML, CSS, and Javascript for Web Developers (Coursera course) |
| Relevant concepts: HTML, CSS3 (style rules, selectors, box model, positioning), Javascript (language, data types, arrays and objects), responsive design, Bootstrap, web design |
| Jun. 2020 | LPIC-101 (Linux Professional Institute Certification) |
| Relevant concepts: bash scripting, Linux file system, process administration, package managers, regular expressions, hardware and kernel modules, disk partitioning, permissions and quotas |

SKILLS

* Experienced with: C/C++, Python, HTML, CSS, Javascript
* Knowledgeable in: SQL, Java, C#, Haskell, Prolog
* Tech / industry knowledge: Linux, bash, OpenGL, MS Office, AWS, git, data structures, algorithms, algorithm complexity, multithreading
* Soft skills: time management, teamwork, communication, attention to details
* Languages: English, German, Romanian