

## SEPTIMIU POP

### EDUCATION

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#### **(2018 – 2021) BCs Computer Science (Artificial Intelligence), King's College London**

Modules include: Mathematical background and optimization methods in computer science

- Worked with a variety of tools and technologies (*Linux OS, Unix, Git, Docker*) and utilized a number of software engineering practices when creating and maintaining projects (*Agile, TDD, CI/CD*)
- Solid data analysis skills from various projects involving machine learning

Final grade: 2.1

#### **(2014 – 2018) Mathematics and Computer Science, Andrei Saguna National College, Romania**

Baccalaureate grade: 91/100

### EXPERIENCE

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#### **(University Projects)**

##### **(Oct. 2020 – Apr. 2021) Game Engine (Desktop App, C++): [Code](#)**

This was my final year project aimed at creating an in-house game engine with a game demo.

- Gained insight on designing large scale application infrastructures and writing modular and reusable code
- Consolidated my C++ programming skills and worked on distributing the application to multiple platforms
- Effectively researched novel domains and successfully applied my knowledge in practice.

##### **(Feb. – Mar. 2020) Mappin Technologies (Desktop App, Java/ JavaFX):**

Worked for Mappin Technologies to create a data wrangling tool for maps.

- Used interpersonal skills when working with the client in order to derive a set of requirements
- Implemented and tested the data manipulation capabilities of the tool as a back-end developer
- Successfully collaborated with various team members from a diverse ethnical background in order to integrate our work on the final product
- Took the initiative to create a logo to represent the team's image

##### **(Oct. – Dec. 2019) Chess Society (Website, LAMP stack):**

This was a group project for building the web application of an imaginary chess society.

- Received on-the-job training for Linux and learned to setup an Apache web server and MySQL database
- Coordinated effectively a team of 5 members with skills in engineering under an agile process
- Worked as a full stack developer on the pages communicating with the server
- Introduced different security features and created a log in page for users
- Learned to successfully provide quality work while on a tight deadline

#### **(Personal Projects)**

##### **(Jan. 2022 – now) Jpeg City (Website, Blockchain): [Website](#)**

Jpeg City is a real-world utility project on Elrond Blockchain to promote travel in the cities as we know them today, using handmade NFTs as building blocks. My role in this team is to create the landing page, and in the future, to build a decentralized app on Elrond that gives rewards to the tourist that visits the city and to the owner of the city NFT.

### PROGRAMMING LANGUAGES

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- C++, Java, Python (**Core**)
- Bash, JavaScript, PHP, HTML/CSS (**Proficient**)
- C#, Scala, Haskell, Assembly (**Familiar**)

### TOOLS & TECHNOLOGIES

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- Linux OS & Unix Terminal
- Network Administrator
- Git & GitHub
- Docker