

Luca Alexandru Sas Curriculum Vitae

Education

University of Leeds

2017-2021

Computer Science with High Performance

Graphics and Games Engineering B.Sc. &

M.Eng.

Mathematics and Intensive Informatics at

Liceul Teoretic "Jean Monnet"

Contact

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Awards

2018 - University of Leeds Hackathon

1st

2018 - Google HashCode @ University of Leeds

1st

2018 - London Sky Hackathon

1st

2017 - Google Dev Group Hackathon

1st

2017 - InfoEducatie National Contest - Utility Software

2nd

2017 - Grepit 10 - Games

1st

2017 - Global Game Jam Romania

3rd

2016 - GrepIT 9 - Software

1st

2016 - InfoEducatie National Contest - Utility Software

1st

Technical Skills

Programming Languages

• C/C++ • Jai • D • Odin • Kotlin • Java • C#
• Python • Swift • HDL • Batch

Programming Skills

• High Performance programming • SSE SIMD • Emulators
• System architecture • API Design • Procedural Programming
• Data Oriented Programming • Object Oriented Programming

Graphics

• SFML • SDL • OpenGL • LibGdx

Database

• SQLite • MySQL • MS SQL

Others

• Git • LATEX • Testing

Activities

Leeds Computer Society - 2017/2018 VicePresident
2018/2019 Co-Chair

I became VicePresident of the Computer Society in my first year at the University of Leeds and have organised succesful events such as the Google HashCode and LAN Parties. Currently I am Co-Chair of the society and helped on organize technology talks, parties and socials.

Experience

Team Kappa - Founder

2017 - Present

The Cell Phone Game - Upcoming mobile storytelling game featuring stories by Vincent Vena Cava and voice acting by famous youtubers like MrCreepypasta.

I am the sole developer on the team and have developed my own cross-platform engine for the game in Kotlin. Awarded 2nd place at InfoEducatie and 1st at Grepit.

Partnership with Colegiul Pacientilor:

DrLike - Cross-platform mobile app developed for Colegiul Pacientilor, the largest patient rights organization in Romania. Awarded 1st place at Grepit and InfoEducatie. Java Frontend with C#/MSSQL Backend.

Graphic Design for Colegiul Pacientilor - I have developed all graphic design materials including logos, promotional materials, videos, books for Colegiul Pacientilor, the largest patient rights organization in Romania.

Partnership with Anima:

Graphic Design for Anima - Worked on videos and promotional materials for the Anima Clinics in Bucharest, Romania.

Cocor LED Billboard videos for Anima - Worked on videos displayed on the Cocor LED Billboards in Bucharest Romania for the Anima Clinics.

Internship at A&D Pharma - I had an internship at A&D Pharma, working in C# and iOS alongside their development team in Bucharest Romania.

Partnership with Collider Visuals on:

In Store App - A VR application created for Bottega Veneta, Alexander McQueen and Procter & Gamble. Worked on iOS port

Car Configurator - The application was created for Mercedes Benz, serving as a VR configurator for their showroom. It is also connected to a mobile application which edits the car from the outside.

Publishing books:

The Adventure of Sinet and Cicioballo - Selfpublished my own book at the age of 13.

Comic Book for Colegiul Pacientilor

Wrote a short comic book gifted to orphaned children as part of an event that was organised by Colegiul Pacientilor and DinoPark Rasnov.

InfoEducatie - Judge Member 2018

As a judge member I have worked on developing the judging criteria and hackathon challenges, judging and marking over 40 projects as well as providing feedback to all participants.