

LUKA ČUPIĆ

Improving society through technology.

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🔗 lukacupic.com

📍 Croatia (mostly)



WORK EXPERIENCE

Founder and Main Developer

CharlyOCR

📅 Sep. 2023 – Present

📍 Remote

- Built an online OCR service 100% from scratch, offering extremely fast conversions and beautiful user experience

Software Developer

OpenNovations

📅 Oct. 2022 – Present

📍 Remote

- Working on Aranei – a healthcare-oriented information management platform
- Performed medical IT research for data storage, expanded the product's functionalities, and led a few projects related to data import from various sources

Lead Developer & 3D Designer

Parish Church of St. Blaise

📅 Jun. 2022 – Oct. 2022

📍 Vodnjan, Croatia

- Single-handedly created a 3D virtual underground crypt for the St. Blaise's Church in Vodnjan, including interior design, artwork, and sacred relics
- Used the technique of photogrammetry for capturing and recreating the incorrupted bodies of saints in 3D
- Optimized the end product and achieved a steady 60FPS runtime by reducing the number of polygons and by texture baking for reducing GPU draw calls and unnecessary rendering

Full-Stack Developer

Innential

📅 Mar. 2021 – Sep. 2021

📍 Pula, Croatia

- Worked as a remote full-stack developer on a personalized-education platform in the MERN stack
- Co-managed release and deployment cycles in both development and production environments

Co-Creator and Lead Developer

Dragonfly

📅 Sep. 2019 – Jan. 2020

📍 Nijmegen, The Netherlands

- Co-created Dragonfly – a startup file-sharing service at the Radboud University's incubator
- Spearheaded the development of the project in Java, implemented the codebase, the main server, user database, TCP-based communication protocols, desktop application, and the Android application

COMPETENCIES

Programming

Software Development

Organization

Leadership

Writing

Machine Learning

Cyb3rsecurity

Game Development

UI/UX Design

Digital Design

3D Modeling

Audio Engineering

Algorithms

EDUCATION

Master's in Computer Science

FER, University of Zagreb

📅 Jul. 2018 – Jul. 2020

📍 Zagreb, Croatia

Master's in Computer Science (Erasmus+ Exchange)

Radboud University Nijmegen

📅 Aug. 2019 – Jan. 2020

📍 Nijmegen, The Netherlands

Bachelor's in Computer Science

FER, University of Zagreb

📅 Jul. 2015 – Jul. 2018

📍 Zagreb, Croatia

LANGUAGES

Croatian (Native)



English (C1)



Italian



German



INTERESTS

✍ Writing

🎒 Backpacking

🧠 Psychology

🔧 Engineering

🏛 History

🍳 Cooking

🎸 Guitar

🔭 Astronomy

🥋 Karate

🏍 Motorbike