



# MICKOL ROE BARONIAS LASQUETY

## JUNIOR SOFTWARE DEVELOPER

Recent graduate in Cinema and Media Engineering at Politecnico di Torino, specializing in programming and web development. My background in digital technologies and VFX taught me to work with complex technical workflows, while university projects allowed me to build solid experience with Python (OOP), C, JavaScript/TypeScript, React, Flask, and SQL. I am highly motivated to grow as a software developer, learn fast, and contribute to real-world applications.



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<https://github.com/Mickrbl>



[mickrbl.dev](https://mickrbl.dev)



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## PROJECTS

### CrimeUK – Geospatial Crime Data Visualization Platform

React · TypeScript · REST API · useReducer · Interactive Maps

Frontend web application that visualizes UK crime data on interactive maps, with filtering by year, month, and geographic area. Implemented reducer-based state management, asynchronous data fetching, and modular UI components.

**GitHub:** <https://github.com/Mickrbl/crimeuk>

**Live demo:** <https://crime-uk.vercel.app>

### DoughFinder – Crowdfunding Platform

Python · Flask · Jinja2 · PostgreSQL · Cloudinary

Full-stack crowdfunding web app with user authentication, campaign creation/editing, donation tracking, and image uploads. Implemented server-rendered pages with Jinja2, integrated PostgreSQL (migrated from SQLite), and used Cloudinary for reliable image storage and delivery.

**GitHub:** <https://github.com/Mickrbl/doughfinder>

**Live demo:** <https://doughfinder.onrender.com/>

## TECHNICAL SKILLS

### Programming languages

Python (Object-Oriented Programming)

JavaScript, TypeScript

C

### Frontend Development

React

HTML5, CSS3, Responsive UI (Bootstrap)

State management (hooks, useReducer, useContext)

Interactive maps (Leaflet)

Data visualization (charts, dashboards)

### Backend Development

Flask (Python)

Jinja2 (server-side rendering)

REST APIs

Authentication and CRUD operations

### Databases

SQL (queries, joins, normalization), SQLite

PostgreSQL (basic usage, migrations)

## EDUCATION

### Bachelor's Degree (L-8) – Cinema and Media Engineering

Politecnico di Torino (2020-2025)

Relevant courses:

**Graphic User Interfaces** (React, TypeScript)

**Web Applications Development** (Flask, Jinja2, Bootstrap, REST APIs, SQL)

**Algorithms and Object-Oriented Programming** (Python)

**Databases** (SQL fundamentals)

**Computer Science Fundamentals** (C programming, basic data structures)

**Computer Networks** (TCP/IP fundamentals)

### Master, Digital Compositing in Nuke

Event Horizon - School of Digital Art (2019-2020)

During my studies, I worked as a junior compositor in film productions, where I learned to collaborate in fast-paced teams, respond to feedback, and meet strict project requirements. These experiences improved my communication, adaptability, and problem-solving.

### Scientific High School (Applied Sciences)

Liceo Salesiano Valsalice (2012 - 2017)

Followed an Applied Sciences curriculum with a focus on computer science, from Scratch to C programming, HTML/CSS, and introductory web development.

## OTHER WORK EXPERIENCE

### Event Staff / Floor Supervisor

Rear Multiservice Group (2024-present)

- Team coordination and customer support in high-pressure environments
- Strong reliability, time management, and procedural compliance

## CERTIFICATIONS

IELTS Certificate 7.0 - C1 (12/2023)

## LANGUAGES

Italian (Native), Tagalog (Bilingual), English (C1)

## DRIVING LICENSE

Standard driving licence - Car owner