ALESSIO LUCCIOLA

 github.com/alessiolucciola linkedin.com/in/alessio-lucciola

 alessioluc.netlify.app alessioluc98(at)gmail.com

 Capranica (VT), Italy +39 3895194967

EDUCATION

- **Sapienza University of Rome**   *2022 - ?*
  Master's Degree in Computer Science

- **Sapienza University of Rome**   *2017 - 2022*
  Bachelor's Degree in Computer Science
  Grade: 103/110

- **Liceo Ginnasio Statale Mariano Buratti**   *2012 - 2017*
  Diploma in Foreign Languages and Literature
  Grade: 82/100

EXPERIENCES

- **GamificationLab**   *November 2021 - March 2022*
  Backend Developer
  I took part in an internship with GamificationLab, a "Sapienza University of Rome" laboratory that deals with the design and development of web applications. I worked mainly on the development of new APIs for a smart parking application called GeneroCity.
  Technologies Used: Go, SQL, Docker, Postman, MinIO

PROJECTS

UNIVERSITY PROJECTS:

- **BiometricBites**
  Web application that allows biometric access to the university cafeteria with face recognition.
  Technologies Used: Typescript, ReactJS, SCSS, HTML, Django, Python, MySQL, Deep Face Recognition

- **Machine Learning Model for Stroke Prediction**
  Machine learning model for predicting strokes. Few models were tested such as Logistic Regression, Gaussian Discriminant Analysis and Support Vector Machines.
  Technologies Used: Python, Machine Learning

- **Q-Learning Routing Protocol for Drones**
  Creation of a routing protocol for UAV ad-hoc wireless networks using Q-learning.
  Technologies Used: Python, Reinforcement Learning

- **MiniBabelNet**
  BabelNet is a multilingual lexicalized semantic network and ontology developed at the NLP group of the Sapienza University of Rome which aim to the integration of lexicographic and encyclopedic knowledge from WordNet and Wikipedia. I worked on a simplified version that allows a user to calculate the similarity between words and documents.
  Technologies Used: Java

- **QuizArt**
  I took part in the design process of a quiz application based on cultural heritage. The main task was to design an interactive system following the criteria of human-computer interaction, analyzing the role of the user, the scenarios and the main tasks, and taking into account the implementation constraints through very short design and development cycles.
  Technologies Used: Python, Marvel App

OTHER PROJECTS:

- **LucciolaLegnami**
  Simple website built for a small local company.
  Technologies Used: HTML, SCSS, Javascript, ReactJS, PHP, MySQL

- **Portfolio**
  Personal portfolio.
  Technologies Used: ReactJS

More projects and details can be found on Github.

SKILLS

FOREIGN LANGUAGES

- **Italian:** Native
- **English:** Professional working proficiency (B2 CEFR)
- **Spanish:** Elementary proficiency (B1 CEFR)
- **French:** Elementary proficiency (B1 CEFR)

SOFTWARE SKILLS

- **Languages:** Python, Go, Java, SQL, HTML, CSS (SCSS), LaTeX, C, JavaScript (ReactJS), PHP
- **IDE:** VSCode, Goland, Spyder
- **Tools:** Postman, Docker, Adminer, Apache
- **Version Control:** Git, GitHub, GitLab
- **Others:** Microsoft Office Suite, Adobe Photoshop, Adobe Lightroom, Marvel App

LICENSES & CERTIFICATIONS

- **Cambridge English: First (FCE) - CEFR level B2** *2018*
  Issued by *Cambridge Assessment English*

- **ECDL Full Standard** *2017*
  Issued by *Associazione Italiana per l'Informatica e il Calcolo Automatico*

- **ECDL IT Security** *2017*
  Issued by *Associazione Italiana per l'Informatica e il Calcolo Automatico*

- **DELE - CEFR level B1** *2016*
  Issued by *Instituto Cervantes*

- **DELF - CEFR level B1** *2015*
  Issued by *Ministere de l'Education National et de la Jeunesse*

- **English Language Training Programme - CEFR level C1** *2015*
  Issued by *Twin English Centre Eastbourne (UK)*

AWARD

- **Certificat d'inscription au Tableau d'honneur** *2017*
  Issued by *Association des Membres de l'Ordre des Palmes Académiques*
  Enrollment in the roll of honor for the commitment in the study of the French language.