GEORGI ILIEV
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PROFILE

Driven and curious professional with bachelor's in computer science and masters in Artificial Intelligence for Biomedicine and Healthcare at UCL. Highly adaptable, emotionally intelligent, and passionate about innovation and collaboration. Co-Founder of a SportTech startup, experienced leader and team member. Enjoys problem solving and delivering projects that combine creativity with impact. Eager to grow in a purpose-driven environment and make a difference through technology, strategy, and human insight.

EDUCATION

UNIVERSITY COLLEGE LONDON, London
Msc Artificial Intelligence for Sustainable Development   *2024 - 2025*

UNIVERSITY OF SOUTHAMPTON, Southampton
Bsc Computer Science, 2:1   *2021 - 2024*
Course Representative for Electronic & Computer Science department

MATHEMATICAL HIGH SCHOOL "ACAD. KIRIL POPOV", Bulgaria
Bulgarian Secondary School Diploma: Excellent   *2017 - 2021*
5.69 out of 6
Software Developer Professional Qualification: good 5.25 out of 6

EXPERIENCE

AUDIOSCENIC LIMITED   Southampton
Computer Vision Internship   *July 2024 - September 2024*
- Constructed and integrated 30,000+ photorealistic synthetic images into CV pipelines, improving object detection accuracy by 15% in 3D spatial audio applications
- Gained hands-on experience in Generative AI workflows, 3D modelling, and advanced data augmentation techniques

DATA REVIVAL, PSDI (PHYSICAL SCIENCES DATA INFRASTRUCTURE)   Southampton
AI Research Internship   *May 2024 - July 2024*
- Built a chemistry-based data extraction and processing pipeline to transform 5000+ unstructured lab entries into structured, analysable formats, reducing data preparation time by 40% and enabling rapid model development
- Executed a full lifecycle of ML project, made a publication with DOI, a poster, interim and final presentations

UNIVERSITY OF SOUTHAMPTON   Southampton
Student Ambassador   *September 2021 - April 2024*
- Acted as a liaison between the University administration and student body
- Provided support and guidance to 100+ peers on academic resources, career pathways, and university services, improving student satisfaction scores

SIBIZ   Bulgaria
Computer Systems Internship   *June 2023 - September 2023*
- Engineered and verified 10+ RTL modules using Verilog/SystemVerilog and UVM, contributing to success of a high-performance semiconductor chip deployed in consumer electronics
- Collaborated with 3+ cross-functional teams to ensure timely deployment of a global project

PROGRAMISTA LTD   Bulgaria
Backend Developer Intern   *September 2020 - March 2021*
- Created a cross-platform Android application using Java Kotlin and Swift, aimed at teaching users foundations of Python and JavaScript programming languages
- Presented project deliverables and technical contribution in front of stakeholders

PROXIAD   Bulgaria
Software Developer   *September 2019 - September 2020*
- Led a 4-member team design and development of an interactive Hangman web application

- Group team leader and Intern mentor: Sharpened leadership, communication, time and project management skills, teamwork and technical expertise

PROJECTS

UCL   London
NutriElite - AI Co-pilot for Elite Athletes   *January 2025 - Present*
- Spin off from university, in collaboration with top experts and renowned sports and wellness organisations
- System takes athlete details, movement and HRV from wearable devices, wellness and sleep, and external factors including the weather to generate plans that optimise athlete performance and reduce the workload of dietitians, physios and coaches

AUDIOSCENIC LIMITED   Southampton
Face Detection for Out Painting Custom Nodes   *July 2024 - September 2024*
- Created and deployed 4 custom ComfyUI nodes with Yunet and Dlib for face detection and restoration
- Optimised renowned computer vision repositories for high-resolution image out painting with 30%

UNIVERSITY OF SOUTHAMPTON   Southampton
Bachelors Dissertation Project   *September 2023 - June 2024*
- Developed a GenAI model focusing on image generation and style transformation
- Evaluated 1000+ model outputs against real-human image datasets, reducing artefacts by 22%

UNIVERSITY   London
Machine Learning Courseworks   *September 2023 - May 2024*
- Developed ML models for diverse applications including healthcare and robot behaviour
- Applied these models to 7+ datasets and documented results in reports

TELERIK ACADEMY   Bulgaria
Phaser JS 2D Game   *September 2019 - May 2020*
- Developed 2D game including crafting tile map, canvas, wireframes and animations
- Presented final product and obtained a digital gaming certificate

SKILLS

- **Programming** - Python, Java, C++, Haskell
- **Machine Learning** - Developing, evaluating, deploying and monitoring a ML models
- **Data & Cloud** - Data analysis and visualisation tools, cloud platforms, version control
- **Web Development** - Front-end and back-end development, dynamic interfaces
- **Soft Skills** - Problem Solving, analytical thinking, teamwork and communication skills
- **Languages** - Bulgarian(Native), English(Full Proficiency), Spanish (Intermediate), German(Elementary)

INTERESTS

- Active participant in volunteer activities and campaigns supporting individuals in need
- Engaged in reading and promoting health and wellbeing by exploring physical limits
- Trained boxing for five years, became a six times national and international champion, awarded most technical boxer. won 10 medals and two cups
- Research expeditions to various destinations, F.E. - Stavanger's Petroleum Museum

COMPETITIONS

- Won several first places in Hackathons organised by leading universities
- Won a silver medal in international maths tournament with 18,700 participants