

# Gkoura Grigorios

Software Engineer

 [LinkedIn](#) |  [gkouras@icloud.com](mailto:gkouras@icloud.com) |  [GitHub](#) |  [Portfolio](#)

## TECHNICAL SKILLS

---

- Programming Languages: C | Python | HTML, CSS | JavaScript | Java | SQL | R | MATLAB
- Frameworks / Technologies: React | Django | Express.js | Git & GitHub | PostgreSQL | Docker
- Software: Microsoft Office Suite | SPSS | TABLEAU | POWER BI

## EDUCATION

---

**MSc in Medical Physics – Radiation Physics / National and Kapodistrian University of Athens** **10/2022 – Present**

- Overall classification: 8.00 (expected) “VERY GOOD”
- Interests: Computational simulations and use of A.I in Medical Physics
- Relevant Coursework: Medical Statistics, Informatics and Image Processing
- MSc Thesis: “Assessment of brain activity at rest using Magnetic Resonance Imaging in patients with ischemic cerebral episodes”

**BSc in Physics / National and Kapodistrian University of Athens** **09/2016 – 09/2022**

- Overall classification: 7.03 “VERY GOOD”
- Specialization: Nuclear and Particle Physics
- Relevant Coursework: Computer Science | Computational Physics
- BSc Thesis: “Calculation of dosimetric parameters of an Iridium brachytherapy source, in a water phantom, based on the American Association of Medical Physicists protocol TG-43”

## WORK EXPERIENCE

---

**Physics and Mathematics Tutor / Self-employed** **09/2016 – Present**

- Tailored education with personalized study materials, customized exams, and teaching methods to match unique student needs

**Head Lifeguard / Action Club Hellas** **06/2019 – 09/2023**

- Conducted lifeguard training sessions
- Managed lifeguard schedules and ensured team supervision and safety protocols were consistently maintained
- Attentively monitored aquatic activities, promptly responded to emergencies, and administered necessary first aid

**Data Analyst / Alternative Research Solutions** **10/2019 – 10/2020**

- Delivered comprehensive client service, including back-office work, data analysis, and assistance during presentations
- Conducted in-depth trend analysis and generated insightful comments
- Achieved significant productivity boost and reduced presentation preparation time by 30% using automating data manipulation processes with Python scripts

## FOREIGN LANGUAGES

---

- Greek: Native Speaker
- English: (C2 Proficiency) – University of Michigan
- Italian: (A2)

## VOLUNTEER WORK

---

- Volunteer member of the World Organization of the Scout Movement since 2007. Currently serving as a Team Leader, leading expeditions of more than 20 scouts
- Member of the EPS Young Minds team (NKUA Section) – European Physical Society

## CREDENTIALS

---

- All necessary credentials, certifications or letters of recommendation can be found [here](#)