

KOUKAS EVANGELOS

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EDUCATION

City, University of London (CUL), London, United Kingdom *8/2019 - present*

- Early Stage Researcher (Ph.D) at *UCOM* Project.
- Topic: Cavitation cloud and tissue interaction

National Technical University of Athens (NTUA), Athens, Greece *12/2013 - 7/2019*

- BSc & MSc in Mechanical Engineering.
- **Thesis:** "Aeroelastic analysis of wing using high fidelity aerodynamic model"

High school Diploma: 19.2/20 *6/2013*

- National university entry exams: 18.996/20.000, (top 1% nationwide)

CAREER HISTORY

Euroavia Athens / Hermes team *5/2016 - 7/2019*
Aerodynamic design

Euroavia Athens is the aerospace student association of National Technical University of Athens. Hermes Team is a team of Euroavia Athens that designed and constructed ultralight remote controlled aircrafts with specific requirements that participated in inter-university competitions.

- CFD analysis.
- Optimization of the airfoil.
- Developed a vortex lattice code for the aerodynamic analysis and optimization of wings.
- Complete flight dynamics analysis.
- Gained hands-on experience with composite materials.

SKILLS & INTERESTS

Languages:	English (C2 Proficiency), French (Sorbonne C1), Native Greek.
IT Skills:	Solidworks, ANSYS, OpenFoam, OpenMPI, Pointwise, LaTeX, Microsoft Office
Programming Languages:	Fortran, Matlab, Shell scripting Linux/Windows
Operating systems:	Linux, Windows
Individual Interests:	3D printing, Guitar, Track and field
Volunteering:	Euroavia Athens, Member of the local board, organizing events and activities during the academic year.

HONORS & AWARDS

- **Certificates of Excellence**, best Grade at High School, Greek Ministry of Education, 2013.
- **Track and Field:** Member of U-19 National Team, 3rd place in 4x100m in Balkan championship 2012, 2nd place at 100m in U-19 National championship 2012, 2nd/3rd place at 4x100m in U-21 National championship 2013/2014