

George P. Kontoudis

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EDUCATION

NTU ATHENS

DIPLOMA (MSc) IN MECHANICAL ENG.
 March 2016 | Athens, Greece
 Conc. in Mechanical Design
 GPA: 7.80 / 10

PIRAEUS UOAS

BSc IN MECHANICAL ENGINEERING
 October 2010 | Piraeus, Greece
 Conc. in Energy Engineering

COURSEWORK

GRADUATE

Intelligent Control Syst. & Robotics
 Microprocessors Based Control
 Biomechanics & Biomedical Eng.
 Control Syst. & Machine Regulation
 Computer Methods in Structures
 Hydraulics & Pneumatic Systems
 Machine Elements

SKILLS

OS:

Windows • Linux

SOFTWARE:

SolidWorks • SolidCAM • AutoCAD •
 ANSYS • Slic3r • PSpice • Photoshop

PROGRAMMING:

MATLAB • C • HTML/CSS • \LaTeX

OTHER:

3D Printing • Laser Cutting • Welding

MEMBERSHIPS

ASME, Student Member, 2016
 IEEE, Student Member, 2015

AWARDS

Hackaday Prize, 2nd Place, 2015
 Robotdalen Innovation Award, 2015
 IEEE/RAS Student Travel Award, 2015

RESEARCH EXPERIENCE

THE OPENBIONICS | RESEARCH ASSOCIATE

Sep 2014 – present | Athens, Greece
 Working on the design & development of an underactuated, anthropomorphic robot hand.

CONTROL SYSTEMS LABORATORY | RESEARCH ASSISTANT

April 2014 – March 2016 | Athens, Greece
 I conducted my diploma thesis under the guidance of my supervising Professor **Kostas Kyriakopoulos** and Dr. **Minas Liarokapis**.

PUBLICATIONS

Complete list can be found at [Google Scholar](#)

1 Refereed Conference Paper (IROS)
 2 Technical Reports
 1 Diploma Thesis

PROFESSIONAL EXPERIENCE

HELIIX INC. | MECHANICAL ENGINEER

March 2016 – present | Athens, Greece
 Design & develop a multi-vane expander.

SYCHEM S.A. | SITE SUPERVISOR

Sep 2013 – August 2015 | Athens, Greece
 Provide guidance to industrial maintenance crew of 6 people for a desalination plant with yearly contract of \$1M.

SYCHEM S.A. | MECHANICAL ENGINEER

Oct 2010 – Sep 2013 | Athens, Greece
 Monitoring and commissioning of desalination plants.

OLYMPIC AVIATION S.A. | AIRCRAFT ENGINEER TRAINEE

May 2008 – Jan 2010 | Athens, Greece
 Perform engineering work of maintenance and modification of aircrafts.

SERVICE ACTIVITIES

THE OPENBIONICS | MEMBER

Sep 2014 – present
 Open-source initiative for the development of robot hands and prostheses.

IJARS | REVIEWER

Dec 2015 – present
 International Journal of Advanced Robotic Systems, InTech.

MINDSPACE | MEMBER

March 2016 – present
 Innovation and entrepreneurship club.