

George P. Kontoudis

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✉ gpkont@vt.edu

EDUCATION

VIRGINIA TECH

PHD IN MECHANICAL ENGINEERING
Present | Blacksburg, VA, USA

NTU ATHENS

DIPLOMA (MSc) IN MECHANICAL ENG.
March 2016 | Athens, Greece
Conc. in Mechanical Design
GPA: 7.76 / 10

PIRAEUS UOAS

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

AWARDS

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

COURSEWORK

NTUA

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

SKILLS

OS:

Windows • Linux

SOFTWARE:

SolidWorks • SolidCAM • AutoCAD •
ANSYS • Slic3r • PSpice

PROGRAMMING:

MATLAB • C • Python • \LaTeX •
HTML/CSS

OTHER:

3D Printing • Laser Cutting • Welding

MEMBERSHIPS

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

TEACHING EXPERIENCE

VIRGINIA TECH | GRADUATE TEACHING ASSISTANT

Aug 2016 – Present | Blacksburg, VA, USA
Provide assistance to ME4006 Mechanical Engineering Lab

RESEARCH EXPERIENCE

THE OPENBIONICS | RESEARCH ASSOCIATE

Sep 2014 – April 2016 | Athens, Greece
Worked 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 – June 2016 | Athens, Greece
Product design & development of a waste heat recovery device.

SYCHEM S.A. | SITE SUPERVISOR

Sep 2013 – August 2015 | Athens, Greece
Provided 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
Monitored and commissioned desalination plants.

OLYMPIC AVIATION S.A. | AIRCRAFT ENGINEER TRAINEE

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

SERVICE ACTIVITIES

THE OPENBIONICS | MEMBER

Sep 2014 – April 2016
Open-source initiative. Development of robot hands and prosthetic devices.

IJARS | REVIEWER

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