

George P. Kontoudis

<http://www.georgekontoudis.com>
✉ gpkont@vt.edu | ☎ +1 (540) 449-7026

EDUCATION

VIRGINIA TECH

PHD IN MECHANICAL ENGINEERING
Present | Blacksburg, VA, USA
Robotics & Control

NTU ATHENS

DIPLOMA (MSc) IN MECHANICAL ENG.
March 2016 | Athens, Greece
Mechanical Design & Control
GPA: 7.76 / 10 (top 10%)

PIRAEUS UOAS

BSc IN MECHANICAL ENGINEERING
October 2010 | Piraeus, Greece

AWARDS

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

COURSEWORK

VIRGINIA TECH

Advanced Experimental Robotics
Optimization Techniques

NTUA

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

SKILLS

OS:

Linux • ROS • Windows

SOFTWARE:

SolidWorks • SolidCAM • AutoCAD •
ANSYS • Slic3r • PSpice

PROGRAMMING:

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

OTHER:

3D Printing • Laser Cutting • Welding

MEMBERSHIPS

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

RESEARCH EXPERIENCE

CMS LAB | RESEARCH ASSISTANT

Aug 2016 – Present | Virginia Tech, Athens, Greece
Design & development of robot hands.

THE OPENBIONICS | RESEARCH ASSOCIATE

Sep 2014 – Present | Athens, Greece
Design & development of underactuated, anthropomorphic robot hands.

CONTROL SYSTEMS LABORATORY | RESEARCH ASSISTANT

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

TEACHING EXPERIENCE

VIRGINIA TECH | GRADUATE TEACHING ASSISTANT

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

PUBLICATIONS

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

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

PROFESSIONAL EXPERIENCE

HELIIX INC. | SENIOR 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.