

# Konstantinos Psychas

3260 Henry Hudson Parkway, Apt 7A, Bronx, NY 10463, USA  
kpsychas@gmail.com • +1 (929) 222-0297 • <http://kpsychas.github.io/>

## EDUCATION

### Columbia University, New York, USA

- Master of Science (M.S.) in Electrical Engineering Sep 2013 – Feb 2015
  - Cumulative GPA: 3.83 / 4.0

### National Technical University of Athens, Athens, Greece

- Ptychion (5 years of studies) in Electrical and Computer Engineering Sep 2006 – Dec 2011
  - Graduated 9th out of 330
  - Cumulative Grade: 9.26 / 10

## SELECTED PUBLICATIONS

- A. A. Lazar, K. Psychas, N. H. Ukani, and Y. Zhou “A Parallel Processing Model of the Drosophila Retina,” *Neurokernel Request for Comments, Neurokernel RFC #3*, Aug 2015.
- Konstanteli, K.; Cucinotta, T.; Psychas, K.; Varvarigou, T., ”Admission Control for Elastic Cloud Services,” in *Cloud Computing (CLOUD), 2012 IEEE 5th International Conference on*, vol., no., pp.41-48, Jun 2012. doi: 10.1109/CLOUD.2012.63

## AWARDS & SCHOLARSHIPS

- Edwin Howard Armstrong Fellowship (Columbia University) 2014 – 2017(expected)
- Second Prize in International Mathematical Competition(IMC) 2009
- Bronze Medal IMO 2006 2006

## PROJECTS

- Neurokernel
  - Project on fruit fly simulation
  - Performed maintenance tasks and created derivative projects of retina, lamina and an integration of them.
- brain2neo
  - Python tool for conversion of documents of a specific XML format to Neo4j graphs.

## WORK EXPERIENCE

### Columbia University, New York, USA

- Teaching Assistant
  - Intro to Computational Neuroscience Sep 2014, Sep 2015
  - Random Signals & Noise Jan 2015
  - Deep learning Jan 2016

### National Technical University of Athens, Athens, Greece

- EXPERIMEDIA Project Research Assistant Oct 2011 – Jul 2012

## LANGUAGES

- Greek: Native language.
- English: Fluent (speaking, reading, writing).
- German: basic (reading);

## SKILLS

### PROGRAMMING LANGUAGES

- Regular Use: MATLAB, Python
- Past/Occasional Use: R, Javascript, Java, C

### OTHER TOOLS

L<sup>A</sup>T<sub>E</sub>X, Microsoft Excel scripting, Git, Mercurial

## INTERESTS & HOBBIES

Running, Board Games