

# Adrian Popescu

Department of Physics

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## Education

- University of South Florida, Tampa, FL 2011  
PhD Physics
- University of Bucharest, Bucharest, Romania 1996  
BS Physics

## Certifications

- Udacity 2019  
Deep Learning Nanodegree
- Udacity 2019  
AI Programming with Python Nanodegree
- Udacity 2018  
Front-End Web Developer Nanodegree

## Employment

- University of South Florida, Tampa, FL 2017-present  
Postdoctoral Scholar
- North Carolina Central University, Durham, NC 2016-2017  
Postdoctoral Researcher
- California State University Northridge, Northridge, CA 2014-2015  
W. M. Keck Postdoctoral Fellow
- National Institute of Standards and Technology, Gaithersburg, MD 2012-2014  
Postdoctoral Researcher

## Publications

- 30+ peer-reviewed research papers  
for a complete publication list and citation metrics, see  
<https://scholar.google.com/citations?user=mUcKVMoAAAAJ&hl=en>

## Patents

- Double Wall Carbon Nanotube for Hot Nanolithography 2014  
USPTO 8,920,700
- Carbon Nanotube Oscillator Surface Profiling Device and Method of Use 2011  
USPTO 8,060,943

## Projects

- Sentiment Analysis Model (Torch, AWS SageMaker)
  - Face Generation DCGAN (PyTorch)
  - TV Scripts Generator RNN (PyTorch)
  - Neighborhood Map (React)
  - MyReads: A Book Lending App (React)
  - Arcade Game Clone (OOJS, HTML5 Canvas)
- more projects at <https://github.com/elementh11>

## Fellowships

- Frank E. Duckwall Research Fellowship 2011
- Bright House Networks Endowed Fellowship 2011
- Fred and Helen Tharp Research Fellowship 2011

## Honors & Awards

- Outstanding Dissertation Award 2012  
University of South Florida
- APS Best Student Paper in Applied Physics Award 2010  
American Physical Society