**Adrian Popescu**

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| Education | | |  | |
| * University of South Florida, Tampa, FL   PhD Physics | | | 2011 | |
| Employment | | |  | |
| * University of South Florida, Tampa, FL   Postdoctoral Scholar | | | 2017-present | |
| * North Carolina Central University, Durham, NC   Postdoctoral Researcher | | | 2016-2017 | |
| * California State University Northridge, Northridge, CA   W. M. Keck Postdoctoral Fellow | | | 2014-2015 | |
| * National Institute of Standards and Technology, Gaithersburg, MD   Postdoctoral Researcher | | | 2012-2014 | |
| Publications   * 30+ peer-reviewed research papers   for a complete publication list and citation metrics, see [my Google Scholar page](https://scholar.google.com/citations?user=mUcKVM0AAAAJ&hl=en) | | | | |
| Patents | | |  | |
| * Double Wall Carbon Nanotube for Hot Nanolithography   USPTO 8,920,700 | | | 2014 | |
| * Carbon Nanotube Oscillator Surface Profiling Device and Method of Use   USPTO 8,060,943 | | | | 2011 |
| Other Certifications | | |  | |
| * Udacity   Deep Learning Nanodegree | | | 2019 | |
| * Udacity * Computer Vision Nanodegree | | | 2019 | |
| * Udacity   AI Programming with Python Nanodegree | | | 2019 | |
| * Udacity   Front-End Web Developer Nanodegree | | | 2018 | |
| Fun Projects | | |  | |
| * [Sentiment Analysis Model](https://github.com/elementh11/sentiment-analysis-model) (Torch, AWS SageMaker) | | * [Neighborhood Map](https://github.com/elementh11/neighborhood-map-project) (React) | | | |
| * [Face Generation DCGAN](https://github.com/elementh11/Face-Generation-with-DCGAN) (PyTorch) | | * [MyReads: A Book Lending App](https://github.com/elementh11/reactnd-project-myreads-starter) (React) | | | |
| * [TV Scripts Generator RNN](https://github.com/elementh11/TV-Scripts-Generator-RNN) (PyTorch)   more projects on [my GitHub repos](https://github.com/elementh11) | | * [Arcade Game Clone](https://github.com/elementh11/frontend-nanodegree-arcade-game) (OOJS, HTML5 Canvas) | | | |
| Fellowships | | |  | |
| * USF Presidential Fellowship | | | 2006-2011 | |
| * Frank E. Duckwall Research Fellowship | | | 2011 | |
| * Bright House Networks Endowed Fellowship | | | 2011 | |
| * Fred and Helen Tharp Research Fellowship | | | 2011 | |
| Honors & Awards | | |  | |
| * Outstanding Dissertation Award   University of South Florida | | | 2012 | |
| * APS Best Student Paper in Applied Physics Award   American Physical Society | | | 2010 | |