


Anastasis Stathopoulos

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EDUCATION

Rutgers University

Ph.D. Student in Computer Science

- **Advisor:** Dimitris Metaxas  | **GPA:** 3.96/4.00
- **Research Area:** Computer Vision and Deep Learning

Piscataway, NJ, USA

Sept. 2018 - Present

National Technical University of Athens (NTUA)

Integrated Masters in Electrical & Computer Engineering (ECE)

- **Major:** Computer Engineering | **GPA:** 8.12/10.00
- **Thesis:** Real-time Object Detection and Semantic Segmentation for Autonomous Driving

Athens, Greece

Oct. 2012 - June 2018

EXPERIENCE

Amazon Prime Video

Applied Science Intern

- Compositional Action Recognition

Seattle, WA, USA

May 2021 - Aug. 2021

Amazon Prime Video

Applied Science Intern

- Video Understanding for Content Moderation
- Self-Supervised Video Representation Learning

Seattle, WA, USA

May 2020 - Aug. 2020

Rutgers University, Computer Science Department, CBIM

Research Assistant | Advisor: Dimitris Metaxas

- 3D Reconstruction from Single Images
- Generative Modeling [[CVPRW'20](#), [ICCV'21](#)]
- Video Understanding [[FTC'20](#)]

Piscataway, NJ, USA

Sept. 2018 - Present

Teaching Assistant

- CS:112: Data Structures (*Spring 2019, 2020*)
- CS:596: Topics in the Foundations of Computer and Data Science (*Fall 2019*)
- CS:314: Principles of Programming Languages (*Fall 2018*)

Sept. 2018 - May 2020

National Technical University of Athens (NTUA), ISLAB

Research Assistant | Thesis Preparation | Advisor: Andreas Stafylopatis

- Object Detection and Semantic Segmentation using a unified architecture

Athens, Greece

Sept. 2017 - June 2018

Rutgers University, ECE department, RADICAL

Visiting Researcher | Host: Shantenu Jha


- Benchmarking Image Segmentation Algorithms on Parallel and Distributed Environments

Piscataway, NJ, USA

Summer 2016

PUBLICATIONS

- [1] Ligong Han, Martin Renqiang Min, **Anastasis Stathopoulos**, Yu Tian, Ruijiang Gao, Asim Kadav, Dimitris N. Metaxas, "Dual Projection Generative Adversarial Networks for Conditional Image Generation". In *International Conference on Computer Vision (ICCV)*, 2021.
- [2] **Anastasis Stathopoulos**, Ligong Han, Norah Dunbar, Judee K. Burgoon, Dimitris Metaxas, "Deception Detection in Videos using Robust Facial Features". In *Future Technologies Conference (FTC)*, 2020. [Best Student Paper Award](#)

[3] Ligong Han, **Anastasis Stathopoulos**, Tao Xue, Dimitris Metaxas, "Unbiased Auxiliary Classifier GANs with MINE". *In CVPR workshop on Adversarial Machine Learning in Computer Vision, 2020*.
 **Oral Presentation** **DeepMind Travel Award**

PROJECTS

Plug-and-Play Controlled Text Generation via Attribute-based Attention *Spring 2020*

- Proposed and built the first *plug-and-play* model that handles infobox-style *attribute-value pairs* for *conditional text generation*
- Combined a pre-trained unconditional language model (GPT-2) with an NER tagging system (BERT-based attribute classifier) for controllable text generation without fine-tuning

Missing-Data Imputation *Spring 2019*

- Implemented a variation of an autoencoder to impute missing data in the dataset
- Treated the task of filling arithmetic and categorical values uniformly

Chord Protocol Implementation *Fall 2016*

- Implemented (i) *sequential replica consistency* and (ii) *eventual replica consistency* versions of the Chord protocol

TECHNICAL SKILLS

Programming Languages: Python, C/C++, Matlab, Erlang

Frameworks: PyTorch, TensorFlow, MXNet, GluonCV

Tools and Platforms: AWS, Git, Linux, Mac OSX, Windows, L^AT_EX

SOFT SKILLS

Self-motivated | Proactive | Easy-going | Enthusiastic to learn new things

Languages: *Greek* (Native), *English* (Fluent, level C2), *German* (Advanced, level C1)

HONORS AND AWARDS

Best Student Paper Award, FTC 2020 *2020*

DeepMind Travel Award, CVPR 2020 workshop on Adversarial ML in Computer Vision *2020*

Gerondelis Graduate Student Fellowship Award, Gerondelis Foundation *2019*

ACADEMIC SERVICE

Volunteer: SPAWC 2018

Reviewer: CVPR 2021, ICCV 2021