

# KONSTANTINOS KARRAS

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Education	<b>CORNELL TECH AT CORNELL UNIVERSITY</b> Master of Engineering in Electrical and Computer Engineering, May 2020 Merit Scholarship Recipient	New York, NY
	<b>UNIVERSITY OF SOUTHAMPTON</b> Bachelor of Electrical and Electronic Engineering, Major: ML, June 2019 First Class Honors Degree, 80% on thesis in Deep Learning	Southampton, UK
Experience	<b>JAGUAR LAND ROVER</b> <i>Engineering Intern</i> Internship in two departments: electric cars and self-driving vehicles. <ul style="list-style-type: none"><li>Implemented and tested 17 new electromagnetic compatibility solutions which reduced manufacturing cost by 25%.</li><li>Programmed part of the decision-making process of the self-driving vehicle algorithm to simulate human choices</li></ul>	Coventry, UK
	2017 <b>PRICEWATERHOUSECOOPERS</b> <i>Software Engineering Intern</i> Internship in the Applications department on data collection and software development for clients and within the company. <ul style="list-style-type: none"><li>Programmed part of a large-scale software platform for SAP Fiori to expand data collection within the company by ~33%</li><li>Analyzed client-company data points collected in SAP using SQL and Python to support consulting advice</li></ul>	Athens, GR
	2015 <b>EPSILON INTERNATIONAL SA</b> <i>Data Science Intern</i> Data driven role to improve access to healthcare information for individuals <ul style="list-style-type: none"><li>Dataset creation of hospitals and healthcare providers in Greece</li><li>Clean-up of data and feature extraction</li></ul>	Athens, GR
Projects	<b>Adversarial Examples on Neural Networks</b> – <a href="#">GitHub</a> <ul style="list-style-type: none"><li>Street sign classification and facial recognition using convolutional nets</li><li>Generation of cutting-edge machine learning attack and defense algorithms</li></ul>	
	<b>Anime Recommender System</b> – <a href="#">GitHub</a> <a href="#">Webpage</a> <ul style="list-style-type: none"><li>Collaborative recommendation algorithm for 6271 users</li><li>REST API creation to access information from a Flask web app</li><li>Full stack development of webpage to display results</li></ul>	
	<b>Prediction of Stock Prices using Deep Learning</b> – <a href="#">GitHub</a> <ul style="list-style-type: none"><li>Sequential training of machine learning model on AWS with initial acc: 46%</li><li>Data analytics of stock prices and real time prediction comparison</li></ul>	
Skills	Python, SQL, MATLAB, C++, JS, HTML/CSS TensorFlow, Pytorch, Azure, AWS, Pandas, Scikit-learn, Flask, Git	
Personal	Microsoft Student Partner Member of MENSA	