

Daniel Sawyer

CONTACT INFORMATION	4202 E. Fowler Avenue ENG030 Tampa, FL 33620	(813) 613-3984 danielsawyer@usf.edu https://DanielSawyer.com/
EDUCATION	Hillsborough Community College, Tampa, FL CSE Prerequisites, Fall 2013 - Spring 2015 <ul style="list-style-type: none">GPA: 3.73 University of South Florida, Tampa, FL B.S. Computer Science, Summer 2015 - Spring 2018 <ul style="list-style-type: none">USF GPA: 3.91, Overall GPA: 3.82 University of South Florida, Tampa, FL Ph.D. Computer Science, Fall 2018 - Summer 2023 <ul style="list-style-type: none">GPA: 4.0	
HONORS SOCIETIES	Phi Theta Kappa HCC	Fall 2014
	Golden Key International USF	Spring 2016
	Phi Kappa Phi USF	Fall 2016
COURSES: GRADUATE	University of South Florida Computer Vision <ul style="list-style-type: none">Grade Received: A Spring 2019 Image Processing <ul style="list-style-type: none">Grade Received: A Fall 2019 Hack 4 Defense <ul style="list-style-type: none">Grade Received: A Spring 2020 Machine Learning <ul style="list-style-type: none">Grade Received: A Spring 2020 Data Mining <ul style="list-style-type: none">Grade Received: In Progress Fall 2020 Social Media Mining <ul style="list-style-type: none">Grade Received: In Progress Fall 2020	
COURSES: UNDERGRADUATE	University of South Florida Image Processing Fundamentals <ul style="list-style-type: none">Grade Received: A Spring 2017 Automata Thry/Formal Languages Spring 2017	

	<ul style="list-style-type: none"> • Grade Received: A 	
	Prog on Massively Parallel Systems (CUDA) <ul style="list-style-type: none"> • Grade Received: A 	Summer 2017
	Advanced Python <ul style="list-style-type: none"> • Grade Received: A+ 	Fall 2017
	Compilers <ul style="list-style-type: none"> • Grade Received: A- 	Fall 2017
RESEARCH PROJECTS	Autobiographical Memory	
	Total Recall	April 2016 - January 2017
	<ul style="list-style-type: none"> • Created Android Application to log user's information into InfluxDB 	
	Event and Action Recognition w/ Semantic Representation	
	Event and Action Recognition	Summer 2017 - Present
	<ul style="list-style-type: none"> • Assisting with creating training data and feature vectors from data sets 	
	Nao Robot Dept. Office Assistant	
	Robotic Office Assistant <ul style="list-style-type: none"> • Ported Google Assistant SDK to run on Nao Robot and programming it to answer department related questions with life like movements and speaking 	Summer 2017 - Present
	Gait Recognition Using Inertial Data	
	Implementation On Android	Fall 2017 - Present
	<ul style="list-style-type: none"> • Ported and Implemented code from MatLab to native C++ code and built Android UI using Android Studio 	
	TrecVID ActEV: Activities in Extended Video Challenge 2019	
	Competed in the TrecVID ActEV	Summer 2019 - Fall 2019
	<ul style="list-style-type: none"> • TrecVID workshop hosted at the WACV Conference. 	
	M3X NSF Grant Project	
	Human-in-the-loop Learning & Robotics	Summer 2019 - Present
	<ul style="list-style-type: none"> • Worked on the computer vision and demonstration learning systems. 	
PROGRAMMING LANGUAGES	Proficient: C, C++, C#, Bash, Python, Java/Android, OpenCV, CUDA Familiar: JavaScript, HTML, PHP, Swift, Caffe, Tensorflow	
REFERENCES	<p>Prof. Sarkar, Dept. Chair, University of South Florida, (813)974-2113, sarkar@usf.edu</p> <p>Prof. Goldgof, Dept. Vice Chair, University of South Florida, (813)974-4055, goldgof@usf.edu</p> <p>Prof. Kasturi, Douglas W. Hood Professor, University of South Florida, (813)974-3561, Rangachar Kasturi</p> <p>Prof. Sun, Associate Professor, University of South Florida, (813)974-7508, yusun@mail.usf.edu</p>	

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