

Daniel Sawyer

CONTACT INFORMATION 4202 E. Fowler Avenue ENG030 (813) 613-3984
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<https://danielsawyer.com/>

EDUCATION **University of South Florida, Tampa, FL**
B.S. Computer Science, Summer 2015 - Spring 2018
• USF GPA: 3.91, Overall GPA: 3.82

University of South Florida, Tampa, FL
Masters Computer Science, Fall 2018 - Fall 2020
• GPA: 3.8

University of South Florida, Tampa, FL
Ph.D. Computer Science, Fall 2018 - Present
• GPA: 3.8

COURSES:
GRADUATE **University of South Florida**

Computer Vision Spring 2019
• Grade Received: A

Image Processing Fall 2019
• Grade Received: A

Hack 4 Defense Spring 2020
• Grade Received: A

Machine Learning Spring 2020
• Grade Received: A

Data Mining Fall 2020
• Grade Received: B

Social Media Mining Fall 2020
• Grade Received: B

COURSES:
UNDERGRADUATE **University of South Florida**
Image Processing Fundamentals Spring 2017
• Grade Received: A

Automata Thry/Formal Languages Spring 2017
• Grade Received: A

Prog on Massively Parallel Systems (CUDA) Summer 2017
• Grade Received: A

Advanced Python Fall 2017

	<ul style="list-style-type: none"> • Grade Received: A+ 	
	Compilers	Fall 2017
	<ul style="list-style-type: none"> • Grade Received: A- 	
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	Summer 2017 - Present
	<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 	
	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. 	
PUBLICATIONS	D. Sawyer, <i>Fine-grained Action Detection in Long Surveillance Videos.</i> , IEEE Winter Applications of Computer Vision Workshops (WACVW) 2019.	
PROGRAMMING LANGUAGES	Proficient: C, C++, C#, Bash, Python, Java/Android, OpenCV, CUDA, Tensorflow, PyTorch, JavaScript, HTML, PHP, Swift	
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> <p>Prof. Malmberg, Associate Professor, University of South Florida, (813)974-1054, malmberg@usf.edu</p>	