Daniel Sawyer

CONTACT INFORMATION	4202 E. Fowler Avenue ENG030 Tampa, FL 33620	(813) 613-XXXX(email4num) danielsawyer@usf.edu https://DanielSawyer.com/

EDUCATION

Hillsborough Community College, Tampa, FL

CSE Prerequisites, Fall 2013 - Spring 2015
- GPA: 3.73

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

Ph.D. Computer Science, Fall 2018 - Summer 2023
- 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 • Grade Received: A	Spring 2019
Image Processing • Grade Received: A	Fall 2019
Hack 4 Defense • Grade Received: A	Spring 2020
Machine Learning • Grade Received: A	Spring 2020
Data Mining • Grade Received: In Progress	Fall 2020
Social Media Mining • Grade Received: In Progress	Fall 2020

COURSES: UNDERGRADUATE

University of South Florida Image Processing Fundamentals • Grade Received: A	Spring 2017
Automata Thry/Formal Languages	Spring 2017

- Grade Received: A

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

Advanced Python   Fall 2017
- Grade Received: A+

Compilers   Fall 2017
- Grade Received: A-

RESEARCH
PROJECTS

Autobiographical Memory
Total Recall   April 2016 - January 2017
- Created Android Application to log user's information into InfluxDB

Event and Action Recognition w/ Semantic Representation
Event and Action Recognition   Summer 2017 - Present
- Assisting with creating training data and feature vectors from data sets

Nao Robot Dept. Office Assistant
Robotic Office Assistant   Summer 2017 - Present
- 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
- 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
- TrecVID workshop hosted at the WACV Conference.

M3X NSF Grant Project
Human-in-the-loop Learning & Robotics   Summer 2019 - Present
- 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

Prof. Sarkar, Dept. Chair, University of South Florida, (813)974-2113, `sarkar@usf.edu`

Prof. Goldgof, Dept. Vice Chair, University of South Florida, (813)974-4055, `goldgof@usf.edu`

Prof. Kasturi, Douglas W. Hood Professor, University of South Florida, (813)974-3561, `Rangachar Kasturi`

Prof. Sun, Associate Professor, University of South Florida, (813)974-7508, `yusun@mail.usf.edu`

Prof. Malmberg, Associate Professor, University of South Florida, (813)974-1054, `malmberg@usf.edu`