Daniel Sawyer

CONTACT INFORMATION	3209 Grenada Way Tampa, FL 33618	(813) 613-3984 danielsawyer@mail.usf.edu http://danielsawyer.myweb.usf.edu/

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

HONORS SOCIETIES		
Phi Theta Kappa HCC		Fall 2014
Golden Key International USF		Spring 2016
Phi Kappa Phi USF		Fall 2016

COURSES

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

- 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

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`