



CONTACT

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FELLOWSHIPS

National Science Foundation
GRFP Fellow
Stony Brook University
Turner Fellow

LANGUAGE

SKILL

Python 2/3	●●●●●
C++	●●●●●
Matlab	●●●●●
Java	●●●○○
C#	●●●○○
HTML/CSS	●●○○○

CERTIFICATIONS

CompTIA Network+ Certified
Dec 2013

LIBRARIES/API's

- ▶ Caffé (Deep Learning)
- ▶ Theano (Deep Learning)
- ▶ Android SDK (Mobile Dev)
- ▶ ASP.NET (Web App Dev)
- ▶ OpenCV (Computer Vision)
- ▶ Scikit-Learn (Machine Learning)

Updated December, 2015

EDUCATION

Undergraduate - Bachelors of Science

Name of Institution: University of South Florida **Honors College**
Major: Computer Science **Major GPA:** 3.86 **Grad Date:** May 2014

Graduate - Masters

Name of Institution: Stony Brook University
Major: Computer Science **Major GPA:** 3.96 **Exp. Grad Date:** 2016
Specialty: Computer Vision, Machine Learning

INDUSTRY EXPERIENCE

SMC Software

Junior Software Engineer/Intern May 2012—April 2013
▶ ASP.NET development for an online reservation System. ASP.NET version 3.0.
Company wide computer hardware support and repair.

Raytheon

Industry Co-op/Senior Project January 2013—May 2013
▶ Remote Vital Sign Assessment on Mobile Platforms. Developed an Android application that could assess the vital signs of a human through non contact means using the stock sensors on an Android smart phone.

CAE

Industry Co-op/Senior Project August 2013—May 2014
▶ DoD funded Project under a NDA. Main focus in C++ and Network Development.

PUBLICATIONS/RESEARCH POSTERS

- ▶ Automatic expression spotting in videos, M Shreve, **J Brizzi**, S Fefilatyev, T Luguev, D Goldgof, S Sarkar. Image and Vision Computing 32 (8), 476-486
- ▶ Optical Flow Based Expression Suppression in Video, **J Brizzi**, D Goldgof, S Sarkar, M Shreve. Pattern Recognition (ICPR), 2014 22nd International Conference on, 1817-1821
- ▶ Summer NSF REU 2013 – Expression Detection in Infants Through Facial Deformation Performance Analysis

Competitions

- ▶ **Kaggle Data Science**
 - 1st place - Facial Keypoint Detection
 - Top 10% - Digit Recognizer
 - Top 10% - San Francisco Crime Classification
 - Top 25% - Whats cooking (cuisine prediction)