Jesse Brizzi

Resume

CONTACT

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FELLOWSHIPS

National Science Foundation
GRFP Fellow

Stony Brook University
Turner Fellow

LANGUAGE SKILL

LANGUAGE	SKILL
Python 2/3	●●●●●
C++11	●●●●●
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)

MISC. INFO

Residency	US - New York
Disabilities	None

Updated October, 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 - PhD

Name of Institution: Stony Brook University

Major: Computer Science **Current GPA:** 3.95 **Exp. Grad Date:** 2019

Specialty: Computer Vision, Machine Learning, Affective Computing

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—May2014

- 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
  - Journal Paper, presents a method of automatic detection facial expression events in videos.
- 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
  - Conference Paper, presents a method for automatic facial expression removal in videos for the preprocessing of data for other detection tasks.
- Summer NSF REU 2013 – Expression Detection in Infants Through Facial Deformation Performance Analysis
  - NSF funded program in partnership with Tampa General Hospital and the University of South Florida. Completed data collection in maternity wards and developed proof of concept system.