

John Buglione

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Education

UNIVERSITY OF PENNSYLVANIA – PHILADELPHIA, PA

2014 -

- Masters - Robotics

VILLANOVA UNIVERSITY – VILLANOVA, PA

2010 – 2014

- Major –Electrical Engineering
- Minors –Computer Science, Japanese
- US Department of State CLS Scholarship Winner 2014
- Villanova Endowed Scholar

GPA: 3.7/4.0 GRE: Verbal 163 Quantitative 163 Writing 5.0

Skills Summary

- ◆ Proficient in software development using C, Java, Python, and Ruby.
- ◆ Familiar with HTML and CSS web design
- ◆ General Office Skills
- ◆ Proficient in use of MATLAB and MAPLE
- ◆ Familiar with signal processing and MachineLearning /Computer Vision techniques
- ◆ Good teamwork skills
- ◆ Willing to learn
- ◆ Professional Presentations

Employment History

CLS PROGRAM– Himeji, Hyogo Prefecture, Japan

CLS Program Participant - 2014

Participated in a program focused on creating ties between Japanese and American nationals through the study of the Japanese language and various cultural enrichment activities. Worked in teams completing a variety of projects in the local community.

PRINCETON UNIVERSITY– Princeton, NJ

MIRTHE Research Intern (Zondlo Lab) – 2013

Worked as a research assistant building an autonomous aerial vehicle sensor platform. The sensor platform is to be used to survey methane emissions at natural gas hydraulic fracturing sites.

MIRTHE Research Intern (Zondlo Lab) – 2012

Worked as a research assistant doing work in the field of mid-infrared laser spectroscopy. While working, I assisted in improving an automated, field deployable, gas sensor system.

ALLTEST INSTRUMENTS – Farmingdale, NJ

Instrument Calibration and Service Technician – 2011

Worked as a technician diagnosing and repairing electronic test equipment such as, but not limited to; multimeters, oscilloscopes, spectrum analyzers, network analyzers, power supplies, and frequency counters.

DELAIRE USA- Manasquan, NJ

Technical Intern – 2010

Worked as a technical assistant creating custom RF and fiber optic cables.