

# 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. | ♦ Proficient in use of MATLAB and MAPLE   | ♦ Good teamwork skills       |
| ♦ Familiar with HTML and CSS web design                               | ♦ Familiar with signal processing and MachineLearning /Computer Vision techniques | ♦ Willing to learn           |
| ♦ General Office Skills   |   | ♦ 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.