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| Sam Bruno |

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# OBJECTIVE

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# EDUCATION

## B.S. in Electrical Engineering | May 2013 | University of Massachusetts-Lowell

* Coursework and topics included Circuit Theory, C Programming, Python, Logic Design, Microprocessors, Signals & Systems, Linear Feedback, and Analog Devices

## B.S. in Geology | May 2008 | William & Mary

* Coursework and topics included GIS, Matlab, Hydrology, Surface Processes, Paleontology, Earth Structure, Mineralogy, and Petrology

# WORK EXPERIENCE

## Test Engineer | Osram Sylvania | September 2013 to Present

* Environmental testing on automotive lighting products using synchronous Labview and chamber programs
* Data analysis in Excel and Minitab
* Assembly of electrical test stations
* Thermal imaging of LED driver PCBs and heatsink configurations
* Technical test report writing and editing

## Engineering Intern | Exelis Harris | January 2012 to October 2012

* Tested and analyzed radar systems using oscilloscopes, spectrum analyzers, and power supplies.
* Soldered through-hole and SMD components for prototype PCB builds.
* Studied circuit designs and blocks such as frequency sythesizers and phase-locked loops.

# SKILLS & ABILITIES

**Data Science / Scripting:** Python, Ruby, Matlab, ExcelVBA

**Web Development:** Ruby on Rails, Javascript, CSS, HTML, Git

**Office:** Microsoft Suite (Word Powerpoint, Excel, Projects, etc.)

**Actively Learning:** ReactJS