

# JUAN A CASTAÑEDA

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## OBJECTIVE

- To acquire an Internship position as a Nuclear Engineer or related field.

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## EDUCATION

- **Master of Science in Nuclear Engineering** (2012 - 2014)
  - Oregon State University (GPA: 3.49)
- **Bachelor of Science in Radiation Health Physics** (2007 - 2011)
  - Bloomsburg University of Pennsylvania (GPA: 3.21)
- **Bachelor of Science in Physics** (2007 - 2011)
  - Bloomsburg University of Pennsylvania (GPA: 3.21)

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## APPLICABLE COURSEWORK

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|-------------------------------------|--|---------------------------|
| • Neutronics Analysis               | • Nuclear Systems Design                   | • Nuclear Reactor Physics |
| • Nuclear Reactor Thermo-Hydraulics | • Nuclear Radiation & Detection Laboratory | • Electronics             |
|                                     |  | • Thermodynamics          |

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## QUALIFICATIONS & SKILLS

- Fluency in Spanish and English, strong quantitative skills, dedicated, and determined.
- Technically proficient in CAD, Solid Works and other Numerical Programs such as: MATLAB - MCNP - CASMO - MULTIFLUX
- Experienced in ASME NQA-1 quality assurance program and methods for compliance.

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## EMPLOYMENT EXPERIENCE

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|--|------------------|
| <b>Graduate Teaching Assistant</b> - Oregon State University, OR   | (2012 - Present) |
| <ul style="list-style-type: none"><li>• Currently assisting with an Undergraduate Atomic Physics Course</li><li>• Teaching and helping the students understand the course material</li></ul> |                  |
| <b>Health Physicist Technician Intern</b> - Penn State University, PA  | (Summer - 2010)  |
| <ul style="list-style-type: none"><li>• Surveyed several radiation labs and worked with radiation instrumentation</li></ul>  |                  |
| <b>Italian Restaurant Co-Manager</b> - Pottsville, PA  | (2005 - 2011)    |
| <ul style="list-style-type: none"><li>• Worked several years, helping, waiting, and serving the costumers</li></ul>  |                  |
| <b>Head Swim Coach</b> - Shamokin, PA  | (Summer - 2011)  |
| <ul style="list-style-type: none"><li>• For the Shamokin Stingrays summer league, ages from 5 to 18 years old</li></ul>  |                  |

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## ACTIVITIES

### Nuclear Engineering Related:

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|---|---------------|
| • American Nuclear Society (ANS) & Oregon State Nuclear Society     | (2012 - 2013) |
| • Bloomsburg University Physics Society: Vice-President & Treasurer | (2010 - 2011) |

### Athletic Achievements:

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|---|---------------|
| • NCAA Division II Swimming Qualifier                                     | (2009 - 2012) |
| • 4-Time Swimming Record Holder at Bloomsburg University of Pennsylvania. |               |
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