

# Example CV or Resume [PDF]

## John E. Doe

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Home Address: 244 E Kelso,  
Columbus (OH), 43202 USA

**Objective:** Nuclear Engineering career opportunity applying knowledge of safety analysis.

### EDUCATION

**Ph.D. Nuclear Engineering** (Expected March 2024)

The Ohio State University, Columbus (OH) – GPA: 3.83/4.0

Advisor: Dr. James Brown

**M.S. Nuclear Engineering**, March 2021

The Ohio State University, Columbus (OH) – GPA: 3.85/4.0

Advisor: Dr. James Brown

**Laurea Nuclear Engineering**, October 2019

Politecnico di Milano, Milan (Italy) – GPA: 92/100

### EXPERIENCE

**Graduate Research Assistant**

Nuclear Engineering Department, The Ohio State University, Columbus OH

2021 – Present

- Analysis and post processing of scenarios generated by dynamic methodologies for PRA purposes.
- Responsible for the development of codes for clustering and post processing of nuclear transients.
- Performed the comparison of several clustering methodologies applied to PRA.

**Graduate Research Assistant**

Nuclear Engineering Department, The Ohio State University, Columbus OH

2019– 2021

- Development of codes that implements several dynamic methodologies.
- Responsible for the mathematical modeling of digital control systems.
- Analysis performed on digital control system of nuclear power plants.

**Graduate Research Assistant**

Politecnico di Milano, Milan (Italy)

Summer 2019

- Development and analysis of Fuzzy C-Means based clustering methodologies.
- Analysis and clustering of transients applied to Digital I&C PRA.

**Graduate Research Assistant**

Battelle, Columbus OH

Summer 2019

- Analysis of the documentation regarding an experimental reprocessing facility.

### PUBLICATIONS

- Authors, “title,” journal or conference, year.
  - e.g., J. A. Smith, “A Benchmark System for Comparing Reliability Modeling Approaches for Digital Instrumentation and Control Systems,” Nuclear Technology, vol 165, no.1 pg. 53-65, 2022.
  - e.g., J. A. Smith and D. Brown, “Advancements in Nuclear Reactor Safety,” M&C 2023, Niagara Falls, Ontario, Canada, August 13-17, 2023.

### QUALIFICATIONS

- **Interests:** Development of Dynamic methodologies for Probabilistic Risk Assessment.
- **Programming:** proficient in Java, Matlab, MOOSE, Simulink, Mathematica; familiar with C++, MCNP.
- **Software Applications:** proficient with Microsoft Office, Latex.

### COURSEWORK

- Safety Analysis
- Neutronic Analysis
- Nuclear Instrumentation and Reactor Control

- Mathematical Statistics
- Advanced Mathematics: Mathematical Logic, Set Theory, Topology, Number Theory
- Numerical Methods

#### **LEADERSHIP ACTIVITIES (if applicable)**

- Leading X team project
- Organizing X events as something

#### **HONORS AND AWARDS**

- Nuclear Engineering Achievement Award for Distinguished Research support.
- Nuclear Engineering Excellence in Research Award.
- Nuclear Engineering Excellence in Scholarship Award.
- Nuclear Engineering Achievement Award for Instant Impact.
- Nuclear Engineering Achievement Award for Service and Outreach.

#### **SCIENTIFIC AND PROFESSIONAL SOCIETIES MEMBERSHIP**

- ANS-American Nuclear Society, 2015 to present.
- Alpha Nu Sigma Society, 2016 to present.

#### **LANGUAGE SKILLS**

- Fluent: English and Italian.
- Basic: French.

#### **PERSONAL INTERESTS**

- Scale models.
- Reading literature about modern history and mathematics.