

Louis Kissinger

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Education

University of Illinois at Urbana Champaign

May 2019

- Pursuing Bachelor's in Nuclear Engineering 3.5 GPA
- Power, Safety, and the Environment Concentration
- Pursuing Minors in Mathematics and Physics
- Coursework: Modeling Nuclear Energy Systems, Interaction of Radiation With Matter, Fluid Mechanics, Reactor Simulation, Technical Writing, Linear Algebra

Experience

Advanced Reactors and Fuel Cycles Research Group

Champaign, IL

Undergraduate Researcher

May 2017 – Present

- Simulated the operation of a Sodium-Cooled Fast Reactor with SERPENT2
- Applied SFR burnup calculations to fuel cycle and nonproliferation analysis
- Learned cluster computing and the Command-Line Interface
- Collaborated with Grad students and Postdocs under Prof. Huff's leadership
- Attended Weekly Research Group Meetings

Carnivore Butcher Shop & Seafood Restaurant

Oak Park, IL

Dishwasher

May – August 2015

- Washed dishes, knives, and equipment; mopped floors; responsible for closing
- Learned time management and detail-oriented work skills

Percy Julian Middle School

Oak Park, IL

Ultimate Frisbee Assistant Coach

September 2014 – August 2015

- Taught 50 children basic Ultimate skills (passing, catching, offensive & defensive strategies)
- Developed people management, communication, and leadership skills

Volunteer

Skills

Advanced Skills

- Skilled with Microsoft Office, including Word and Excel
- Experienced with MATLAB and Mathematica
- Proficient in cluster computing

Basic Skills

- Familiar with C++
- Currently learning Python, XML, GNU/Linux, CLI, and LaTeX