



We are in need of a Computer Science intern to aid in our reactor core design group for Pressurized Water Reactors. The codes we use to produce core designs were developed in the 1980s and 90s and require a lot of data manipulation to analyze designs. Therefore, a computer science intern working with our group would be:

- Developing programs in Python or VBA to aid in reactor core design analysis. The intent of the programs would be to allow the core design engineers to review, scope changes, and analyze design choices more efficiently.
- Developing automation tools in Python or VBA for the generation of figures and graphs used by nuclear power plant operators when operating the core.