NCN SURF at Purdue University

Rising juniors and seniors in STEM fields who have coding experience are invited to apply for an 11 week summer research position with the Network for Computational Nanotechnology (NCN) through the Summer Undergraduate Research Fellowship (SURF) program at Purdue University. Compensation is $4200 for the summer plus housing and travel assistance to visiting students who complete the visiting student section of the application.

Participants will work with leading nanotechnology research groups at Purdue to develop simulation tools for physical processes, systems, and devices. Some of the research opportunities include:

- Nanoelectronics Modeling
- Manufacturing Processes
- Predictive Materials Simulation
- Computational Solid Mechanics
- Battery and Piezoelectric Systems
- Design Optimization with a Limited Data Budget
- Nanophotonics for Photovoltaics and Thermophotovoltaic Systems

Successful applicants will have the following characteristics:

- Good communication skills
- Strong work ethic
- Minimum 3.0/4 GPA
- Ability to code in at least one language such as C/C++, Python, Java, Perl

Learn more - https://nanohub.org/groups/ncnsurf/
Apply online - https://engineering.purdue.edu/Engr/Research/SURF