STUDENT CASUAL RESEARCH ASSISTANT - COMPUTATIONAL

Posting ID: IN17228523

Company Website: http://www.unlv.edu/engineering

Company: UNLV College of Engineering

Work Location: Las Vegas

Position Type: Part-Time

Salary: DOE

College Major(s): Any

College Level(s): Undergraduate-Junior, Undergraduate-Senior

OVERVIEW

Support graduate student at UNLV engineering lab do research in semiconductor material properties. Job duties include computational modeling and analysis.

Roles and Responsibilities
Prospective candidate should have strong analytical skills, with creativity in physics solutions, and exhibit productive work ethic in a small team with minimal supervision. Assistant will report directly to PhD graduate student or Post-Doc, with ultimate supervision by faculty Principal Investigator.

Education and Qualifications
Demonstrated skills and experience in computational science, open source compilation, and batch co-processing of individual computational elements, such as computational chemistry, physics, or nanotechnology codes. Matlab expertise is mandatory, with preferable experience in Comsol Multiphysics. Education should include basic physics or chemistry, advanced calculus, advanced computer programming and numerical analysis. U.S. citizenship is required.

Preferred Skills

How to Apply
Interested parties should forward a resume and recommendation letter to the Electrical Engineering Department Secretary, jennifer.reff@unlv.edu.