UG Co-op in US Army TARDEC: CFD and Signature Modeling

Degree type: Mechanical engineer, physics, or aerospace engineer
CFD (Computational Fluid Dynamics) course strongly desirable
If not CFD, at least experience doing finite element stress analysis
Use of Star-CCM+ or Fluent
Experience performing mesh generation
Course focus on heat transfer, fluids, aerodynamics
Required: heat transfer and fluids classes
Strong computer skills (desired/ not required)
Use of Linux, UNIX, and/ or programming
CAD software: unigraphics, pro-e, catia
The generic participant requirements are:
Enrollment as a full-time or part-time student in good standing.
Be a US citizen and successfully complete a background investigation to obtain a security clearance.
Completed a minimum of a sophomore year in a Engineering or Related Sciences discipline with a minimum overall GPA of 2.5.
Capable of arranging a work schedule such that a minimum of 640 hours of work at TARDEC is achieved prior to degree completion.
Prepared to accept a position with TARDEC upon completion of the degree.
Maintain acceptable academic achievement and progress towards degree.

To apply send electronically a resume and a copy of transcripts (need not be official) to:
Pame Watts /Colin Wasilof
Coop Program Administrator
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