Software Development and Simulation

Victor Pereyra

Weidlinger Associates (Retired)

Adjoint Professor, SDSU

Consulting Professor, Stanford University

ACSESS 2011

CSRC, SDSU

Profile of entry employees at WAI

- Structural or Mechanical Engineers
- Either modelers or developers
- Totally different requirements
- Modelers need to be knowledgeable in their field of application
- Developers need to know how to devise new algorithms, program, debug, document and maintain software. Some times they need also to be technical salespersons and give support, i.e., they need people skills.
- Writing proposals, doing contract work and reporting are also important skills.

Program, program, program!!