

## **DANIEL CRAIG SCHINLER, PE**

Structures Workshop, Inc. Owner / Structural Engineer  
1 Richmond Square Suite 147N, Providence, RI 02906  
401.383.8988 dcs@structuresworkshop.com

### **EDUCATION**

2001 Marquette University / MS Civil Engineering  
1996 Marquette University / BS Civil Engineering

### **LICENSE / MEMBERSHIP**

2008 NCEES-Record  
PE License Wisconsin, Rhode Island, Massachusetts  
Member American Society of Civil Engineers  
Member New England Fabricators Association  
Member American Concrete Institute  
Member Structural Engineering Institute

### **EMPLOYMENT**

05/08-Now Opened New Company - Structures Workshop / Providence RI  
02/07-03/08 Odeh Engineering / North Providence RI  
11/05-02/07 Autodesk Consulting / Waltham MA  
03/05-11/05 CME Associates / Woodstock CT  
03/03-03/05 Grivas Krause Associates / Arlington Heights IL  
09/01-03/03 Soodan and Associates / Chicago IL  
01/00-07/01 Marquette University / Milwaukee WI  
04/96-01/00 Rocky Mountain Prestress / Denver CO

### **SUMMARY OF EXPERIENCE**

- BIM consulting services including training, implementation, and project mentoring using Autodesk Revit Structure software.
- Structural design of lateral systems for custom residential wood structures located in high wind, coastal regions.
- Structural design of industrial projects including manufacturing facilities and distribution centers, ranging in size from 50,000 square feet to 1 million square feet.
- Structural design of commercial projects ranging from medium-rise office buildings to aircraft simulator facilities.
- Structural design of institutional projects including correctional facilities and schools.
- Cost and construction schedule estimating of multi-million dollar precast concrete projects, including sports facilities, office buildings, parking structures, and correctional facilities.

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(CONT.)

**PUBLICATIONS**

- Foley, C.M. and Schinler, D. (2003) "Automated Design of Steel Frames Using Advanced Analysis and Object-Oriented Evolutionary Computation," Journal of Structural Engineering, American Society of Civil Engineers, Vol. 129, No. 5, pp. 648-656.
- Schinler, D. and Foley, C.M. (2001) "An Object-Oriented Evolutionary Algorithm for Automated Advanced Analysis-Based Design," Proceedings of Workshop on Optimal Structural Design Using Genetic and Evolutionary Computation, 2001 Genetic and Evolutionary Computation Conference, San Francisco, CA, July 7, pp. 73-78.
- Foley, C.M. and Schinler, D. (2001) "Optimized Design of Partially Restrained Frames Using Distributed Plasticity," Invited Paper, 2001 Structures Congress – ASCE (CD-ROM).

For more projects and information see [www.structuresworkshop.com](http://www.structuresworkshop.com)