

**Software Development**

*Expertise* Numerical Modeling, Software Design

*Education* B. S., Cum Laude (Computer Science), 1991  
B. S., Cum Laude (Mathematics, Physics Minor), 1991  
University of Minnesota

***Professional Experience***

1992 - Present *Itasca Consulting Group, Inc., Minneapolis, Minnesota, Software Assistant/Software Consultant/Geometric Modeling Consultant/Software Developer*

1987 - 1998 *University of Minnesota, Research Assistant/Contractor*

***Project Experience***

*Itasca Software Development* — The new Itasca framework, REBOP GUI. FLAC and UDEC GUI development. Virtual grid-generation models for FLAC and FLAC3D. PGEN utility for 3DEC modeling.