



Dave Dixon Biography

Dave Dixon is a director of Provisdom Corporation. Dave is currently working as a programmer on genetic sequencing for Illumina. Dave's experience in the software industry includes algorithm development for large-scale image processing for semiconductor manufacturing applications, custom information processing applications, and professional digital audio processing software. Dave was most recently the Chief Software Architect of Provisdom Corporation, overseeing the development of Provisdom's powerful software tools.

Dave received his B.A. in Physics from the University of Colorado, Boulder in 1990, and his Ph.D. in Physics from the University of California, Riverside in 1993. His Ph.D. thesis, "A Theoretical Model of Gamma Ray Bursts", introduced a new type of dynamical behavior now being applied in diverse fields such as biology. He spent several years as a research physicist in the field of gamma-ray astronomy, developing and applying novel methods for statistical image analysis. Dave was the lead scientist in the discovery of the "gamma-ray halo", a faint glow of high-energy radiation surrounding the Milky Way galaxy, one of the major scientific achievements of NASA's Compton Gamma Ray Observatory mission. Dave was honored as a Fellow of the Institute of Geophysics and Planetary Physics in 1996 for his contributions in gamma-ray astrophysics.

Dave's greatest pleasure in life comes from spending time with his wife, son, and daughter. He is also a recorded musician and songwriter and avid big-game angler, with a 450-lb. blue marlin to his credit. However, he's not averse to fishing bluegill in the local drainage ditch, if they're biting.