**Software Consultant**

Accomplished engineer with extensive experience in full life-cycle product design, development and production. Created consumer products that sold more than 250,000 units. GPS (Global Positioning Systems) expert with 15 years of experience. Over 15 years of experience developing desktop and embedded applications in C/C++.

Strengths include:

Digital Electronic Design

Object Oriented Development

GPS Product Design

Embedded System Design

Multithreaded Programming

Technical Skills

Languages: C/C++, Java, FORTRAN, PHP, JavaScript, SQL, XML, HTML

APIs: Win32 SDK, MFC, Qt, J2ME, WinCE

Processors: ARM7, ARM9, PIC, Atmel, 8051, ST Cartesio

Interface: USB, RS-232, I2C, I2S, SPI, CAN, Bluetooth, ZigBee

Sensors: MEMS accelerometers, gyros, pressure, fluid tilt, magnetic compass

Tools: VisualStudio, CrossWorks, CodeWarrior, MPLAB, AVR Studio, OrCAD Capture CIS, Allegro PCB

**Professional Experience:**

**Software/Hardware Architect**DeLorme  
October 1997 - January 2011

**Education**

Bachelors, Physics and Computer Science  
Middlebury College

1990-1994

**Language**

English: Native or Bilingual  
German: Conversational