

MICHAEL D. HADERMAN
Database Developer



Educational Background

B.S., Computer Science, Sonoma State University

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Professional Experience

Mr. Haderman joined STI in 2007 as a Software Developer in the Information Systems group. His primary duties involve design and development of web-based software projects as well as system operations and administration.

Since joining STI, Mr. Haderman has been a lead developer on a number of projects including the Environmental Protection Agency's (EPA) air quality email alert system, EnviroFlash (enviroflash.info), Sacramento County's Spare The Air website and email system (sparetheair.com), and the EPA's AIRNow program (airnowtech.org). He implemented OGC web services for the EPA's AIRNow-International program and worked on a number of air quality field and data management projects for government agencies such as the Nevada Department of Transportation's U.S. 95 mobile source air toxics (MSAT) monitoring study.

Mr. Haderman has expertise in a variety of programming and markup languages, including AJAX, JavaScript, ColdFusion, JSP, ASP.NET, Python, PHP, Ruby on Rails, C++, HTML, CSS, SQL, Java, KML, SOAP, and XML. He also has experience developing and supporting a variety of databases (e.g., Microsoft SQL, Oracle, MySQL), web servers (e.g., Microsoft IIS, Apache, Tomcat), design tools (e.g., Macromedia Dreamweaver, Adobe Photoshop, Microsoft Visual Studio), and platforms (e.g., Microsoft Windows 98/2000/XP/Vista, Microsoft Windows 2000/2003 Servers, Macintosh OS X, Red Hat Enterprise Linux).

Mr. Haderman has been an independent web developer since 1998, consulting on web-based applications for Honeywell International, the social networking website Pathconnect.com, and a variety of online retail websites.