

MICHAEL D. HADERMAN

Software Quality Assurance Engineer



Educational Background

B.S., Computer Science, Sonoma State University
ISTQB Software Testing Certification

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Professional Experience

Mr. Haderman joined STI in 2007 as a Software Developer in the Information Systems group. In August 2010, he was promoted to the newly developed position of Software Quality Assurance Engineer. His primary duties are to ensure that software projects are fit for their purposes, meet client requirements, and meet STI's quality standards. In addition, Mr. Haderman is an Agile Scrum Master on multiple projects, participates in system operations and administration, and takes the technical lead on a variety of software-related projects.

Since joining STI, Mr. Haderman has been a Quality Assurance Engineer on the Interagency Fuels Treatment Decision Support System. In addition, he has been a lead developer or technical lead on a number of projects, including the Environmental Protection Agency's (EPA) AIRNow-International Project, the EPA's EnviroFlash air quality email alert system (enviroflash.info), Sacramento County's Spare The Air website and email system (sparetheair.com), and the EPA's AIRNow program (airnowtech.org). Mr. Haderman has 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 languages, including SQL, C#, VB.NET, AJAX, JavaScript, ColdFusion, Python, JSP, ASP.NET, PHP, Ruby on Rails, C++, HTML, CSS, Java, KML, SOAP, and XML. He has experience developing and supporting a number 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 XP, Vista, and 7; Microsoft Windows Server 2000, 2003, and 2008; Macintosh OS X; and Red Hat Enterprise Linux). Mr. Haderman has also researched, implemented, and trained staff on various software development best practices and tools, including the JIRA software project management and issue tracking system and the agile software development method.

Mr. Haderman began working as an independent web developer in 1998 and has consulted on web-based applications for Honeywell International, the social networking website Pathconnect.com, and a variety of online retail websites.