

# David Castro

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<http://www.davidcastro.com>

## Skills & Tools

Online Help Development ..... Flare 2.0, RoboHelp, RoboHTML, and Dreamweaver  
Single-sourcing ..... WebWorks Publisher Professional, RoboHelp for FrameMaker  
Printed Documentation ..... FrameMaker, Word, Acrobat, and Arbortext Editor  
Multimedia Production ..... Carbon ViewletBuilder  
Web Development ..... Grails, Groovy, JavaServer Pages, JQuery

## Experience

### Atlas Technologies

10/05–present

Senior Technical Writer  
Charleston, SC

Revised documentation for shipboard network management software, reducing page count from 790 to 242. Helped compose a Software Requirements Specification (SRS) for a new release of a government software product. Maintained Software Version Description Documents (SVDDs) for multiple versions of government software product. Received training in Arbortext Editor. Converted User Guide from FrameMaker to XML using Arbortext Editor. Processed Document Change Proposals for Fleet, writing and editing content for various documents. Participated as sole technical writer for the Limited Rate Initial Production phase of the Consolidated Afloat Networks and Enterprise Services project for Northrop Grumman, using S1000D. Supported the US Coast Guard IPT as a development manager. Granted a Secret security clearance.

### Modulant, Inc.

07/04–09/05

Technical Writer/Release Engineer  
Charleston, SC

**Technical Writing.** Created single-sourced print and online user documentation for a Java-based application using FrameMaker and RoboHelp for FrameMaker. **Technical Marketing.** Created a technical marketing document that gave an overview of our product's methodology. **Project Management.** Introduced specifications into the development process, and created specs based on interviews with subject matter experts and programmers. **Training.** Created material for and co-delivered a training session for 12 internal users. **Release Management.** Created installers for our application using IzPack and NSIS. Took over build process and updated Ant script to shorten a process from three hours to one hour. Created process documentation for builds, tool installations, promoting an application from QA to Production servers, and patching a build. **Quality Assurance.** Revised regression testing document to shorten the process from four days to one and a half days. Performed regression tests on builds. **Software Development.** Created layouts for dialog boxes using JFormDesigner, generated corresponding Java files, and incorporated them into the codebase. Created a prototype of a new management module for our application using JFormDesigner and Eclipse.

### Blackbaud

10/03–06/04

Technical Writer III  
Charleston, SC

Maintained documentation for software for private schools. Worked with a team of six other writers, both writing material and editing other writers' documents. Maintained the SDK for the product and a guide that detailed how to work with the underlying database, which required knowledge of Visual Basic, Visual Basic for Applications, general object-oriented programming principles, database concepts, and SQL.

### CrossAccess Corporation

8/00–8/03

Senior Information Analyst  
Santa Clara, CA

Created both print- and HTML-based versions of the documentation set for software that enables access to mainframe databases (Adabas, CA-DATACOM/DB, DB2, IDMS, IMS, Sequential, and VSAM) using ODBC and JDBC. Served as the sole writer for the XSync project, the company's newest product. Indexed over 3,000 pages of documentation. Telecommuted from home, traveling to the Santa Clara, CA, office five times over the three years. Developed a web application for the support portion of the company web site.

**Scheduling.com**  
Lead Technical Writer  
Novato, CA

12/99–8/00

Served as lead writer, creating context-sensitive HTML-based help for a Web-based medical scheduling application using RoboHTML and Dreamweaver. Used JavaScript to make complex topics seem simpler. Developed a JSP infrastructure for creating documentation that is customized to serve different needs.

**Synon Corporation/Sterling Software**  
Senior Technical Writer  
San Rafael, CA

5/97–11/99

Created a 145-page printed tutorial for COOL:Plex, a computer aided software engineering (CASE) tool. Wrote a 76-topic online Java platform guide using RoboHTML. Converted WinHelp documentation to HTML Help, using RoboHTML. Indexed a documentation set consisting of 56 help files.

**HealthVISION Corporation**  
Technical Writer  
Santa Rosa, CA  
1/96–5/97

**Quantum Publishing**  
Freelancing  
Petaluma, CA  
2/96–7/01

**ABT Corporation**  
Technical Writer  
Petaluma, CA  
6/95–1/96

**Hewlett-Packard**  
Intern  
Santa Rosa, CA  
10/94–6/95

## Education

### College of Charleston

Completed a course required to enter Master's degree program for Computer Science in 2004.

### UC Berkeley Extension Online

Completed a course in database design and implementation in 1999, and a course on Java in 2000.

### Sonoma State University

Completed a course in computer security in 1997.

### San Francisco State University

B. A., Technical & Professional Writing.

## Additional Activities

### Carolina Kinetic

Started the business Carolina Kinetic for the web application development and technical writing consulting I had been doing on an ad-hoc basis in 2010.

### Publications

July, 2010: "SmartClient RIAs with Grails." GroovyMag Magazine, <http://www.groovymag.com>

December, 2010: "Host Your Application in the Cloud for Free with Amazon Web Services." GroovyMag Magazine.

August 2012: "Replacing the EAV Anti-pattern with MongoDB." GroovyMag Magazine.

### Presentations

May, 2012: Presented at the Charleston Java User's Group on the MongoDB database.

September, 2011: Presented at the Charleston Java User's Group on the SmartClient web application platform

May, 2011: Presented at the Charleston Java User's Group on the Grails development platform.

August, 2002: Presented at a WinWriters Conference on using a database back-end for documentation delivered over the web.

February, 2002: Presented at the WinWriters Conference on using JavaServer Pages to enhance online documentation.