

# DONOVAN PRESTON

Senior Software Engineer

689 Racquet Club Circle  
Rohnert Park, CA 94928

T 707.477.9216  
dp@ulaluma.com  
<http://ulaluma.com/pyx>

## Profile

Expert Python programmer contributing to various Open Source projects; Lead developer of Nevow, a Web Application Construction Kit, and LivePage, for developing responsive Web Applications; Contributor to PyObjC, a Python-Objective C bridge. Experience in Database Design using PostgreSQL. Interest in Cocoa, the Mac OS X GUI framework, and Objective C. Experience optimizing Python programs with Objective C using PyObjC, C++ using Boost.Python, C using the Python extension API, and Pyrex.

## Experience

### Senior Software Engineer, Divmod Inc; New York, NY — 2003-Present

- Responsible for all aspects of the web user interface for Quotient, a mail server, webmail client, contact management application, and Voice Over IP client and server
- Solely responsible for development of Nevow, the web application server, HTML templating framework, and high level form creation framework used by Quotient

### Lead Software Engineer, Inter•Sight; Sausalito, CA — 2001-2003

- Designed and implemented a Web Application for Content Management which applies business rules to content to assure validity and automatically acquires content metadata from enterprise database systems
- Designed and implemented a Web-based print publishing automation application which allows users to assign content to slots in a template and automatically produces both Web and print catalogs from one set of data

### Graphic Production Artist, Medtronic AVE; Santa Rosa, CA — 1999-2001

- Produced marketing collateral with Quark, Photoshop, Illustrator, and Flash
- Managed archiving and retrieval of content and finished documents
- Completed numerous large scale and multi-page projects under tight deadlines
- Worked within teams of Designers, Marketers, Writers, Editors, and Project Managers

## Education

Santa Rosa Junior College, Santa Rosa, CA — 1999-2001

University of Michigan, Ann Arbor, MI — 1994-1996