

Joel Mellin

WWW.JOELMELLIN.COM | JMELLIN@GMAIL.COM | 201-362-8661

Skills

WEB DEVELOPMENT & PROGRAMMING

- Develop comprehensive eCommerce and eLearning sites with LAMP (Linux, Apache, MySQL, PHP)
- Design complex databases normalized utilizing Entity Relationship Diagrams (ERD)
- Develop Content Management Systems (CMS)
- Develop cross browser PHP, ASP, AJAX, and HTML
- Program Access and Word forms and automation with VBA
- Program Java with Integrated Development Environment (IDE)
- Optimize sites for Search Engines (SEO)

NON PROFIT MANAGEMENT

- Founding member of arts not-for-profit
- Work with business plans, budgets, & IRS forms
- Work with board members, artists, and interns

AUDIO & MEDIA

- Compose, design sound, and create interactive media using Java and the Java Music Specification Language (JMSL)
- Engineer, produce, and master albums

Experience

GOTHAM WRITERS' WORKSHOP

555 8th Ave, Suite 1402, New York, NY 10018

The leading creative writing school online & in NYC, teaching more than 6K students per year

www.writingclasses.com

www.writingclasses.com/sample

Senior Information Architect (May 2002-Present)

- Worked with Director of Online Services to architect, design, and develop all front-end websites and back-end database software including Online Classroom software, Teacher and Student Information Systems, and associated web portals
- Redesigned website to optimize usability and Search Engine Rankings based on best practices and focus group insight
- Worked with President and Dean of Faculty to develop relevant and unique tools for online instructors
- Worked with Staff to develop office automation tools to expedite administrative tasks
- Provided technical support to all students

WAXFRUIT ARTS MEDIA

35 Claver Place Suite 13, Brooklyn, NY 11238

NY not-for-profit advancing public interest in the musical and contemporary arts

www.waxfruit.org

Co-Founder | President | Director of Technology (April 2006-Present)

- Major Program Areas: Community Programs, Public Music Library, Educational Resources
- Conceived, architected, and developed FlickTracks - an aide to the community in legally licensing music
- Created Content Management System and integrated streaming audio via Flash and AJAX for end user sampling
- Automated the real-time generation of legal contracts as PDFs based on end user license requests
- Developed an automated music consulting service using complex data mining techniques pulling from expert industry experience, National Endowment for the Arts (NEA) data, and client interviews
- Worked with lawyers, accountants, online merchant banks, board members, volunteers, and artists

METROPOLITAN CENTER FOR URBAN EDUCATION

726 Broadway, 5th Floor, New York University, New York, NY 10003

Federally funded program to assists NYC public schools work with at-risk students

Project Associate for Safe and Drug Free Schools (9/1999-3/2002)

- Conceived, designed, and programmed a city-wide student information database application using Access and VBA
- Designed interactive online courses and taught training workshops to support project
- Provided quality assurance solutions to repair flawed spreadsheets designed by previous employees
- Participated in federal grant writing, research, data manipulation and analysis

COOPERATIVE ASTROPHYSICS AND TECHNOLOGY SATELLITE (CATSAT)

Morse Hall, 39 College Road, University of New Hampshire, Durham, NH 03824

NASA funded Gamma Ray Observation Satellite

Systems/Electrical Engineer (9/1998-9/1999)

- Designed space tolerant analog and digital systems using radiation hardened parts
- Developed automated hardware testing software for satellite power system using C and GPIB
- Managed small staff of engineering students in all aspects of their work and conducted staff reviews
- Related skills: PCB design and layout, noise reduction analysis, laboratory testing, and data analysis

Education

- Masters of Music, Music Technology
New York University (2001)
- Bachelors of Science, Electrical and Computer Engineering
University of New Hampshire (1997)

Awards, etc.

- Guest Speaker: Java Music Systems: Real Time & Real World Performances, NYU (2007, 2006)
- Margaret Jones Award Winner for Java Music Systems, NYU (2001)