

Benjamin Sibelman

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WORK EXPERIENCE

- **Programmer, ESRI** June 2006 - present
 - Programmed complex tools to automatically generate map features for nautical charts.
 - Designed and implemented a general-purpose vector geometry reshaping tool.
 - Built major engine components for a comprehensive map product management system.
 - Became an expert in COM programming using C++ and C#.
- **Software department intern, Sony Pictures Imageworks** June - August 2005
 - Designed and programmed a full-featured web-based map system to locate offices and cubicles anywhere on the Imageworks campus.
 - Took training courses in Maya and animation fundamentals.
- **Web design intern, The Learning Center** June - August 2004
 - Created a web portal site whose users could shop at various linked merchant sites that donate part of the proceeds to the user's chosen organization.
 - Created custom modules for the PHP-based Xaraya content management system.
 - Participated in leadership workshops to learn about corporate-community collaboration.
- **Web design intern, GE Medical Systems Information Technology** July - August 2005
 - Added several new functions and redesigns to a clinical terminology database management tool.

EDUCATION AND ACADEMIC ACHIEVEMENT

- **Pomona College** May 2006
 - Computer science major, mathematics and environmental analysis minors.
 - Computer science electives: Computer Graphics, Software Development.
- **Member, Phi Beta Kappa** March 2006
- **Member, National Society of Collegiate Scholars** March 2004

LEADERSHIP AND VOLUNTEER EXPERIENCE

- **Member, Democracy for America Redlands** September 2006 - present
 - Led a successful campaign to convince our City Council to adopt the U.S. Mayors' Climate Protection Agreement.
 - Created and maintained a website, Friends-of-Nancy.com, for a city council campaign.
- **President and founder, Really Ambitious Filmmaking Team** September 2002 – May 2006
 - Wrote, directed, and created special effects for five short science fiction/fantasy movies.
 - "Mario Movie" won second place in Pomona College's Oskars student film festival.
- **Volunteer Educator, Oregon Museum of Science and Industry** June 2000 – May 2002
 - Presented science demonstrations to visitors of all ages and backgrounds.

GENERAL COMPUTER SKILLS

- **Desktop programming:** C, C++, C#, VB, Perl, Python, SQL
- **Web programming:** DHTML, Java, JavaScript, PHP, JSP
- **Office software:** Microsoft Word, Excel, and PowerPoint, Corel WordPerfect

MEDIA SKILLS

- **2-D and 3-D computer graphics and animation** using Photoshop, Illustrator, GIMP, Paint Shop Pro, After Effects, Motion, Maya 7, and trueSpace6
- **Video editing**, sound mixing, and special effects using Final Cut Pro 4.5 and Vegas
- **Music composition** and arrangements using MusicWrite and Noteworthy Composer