

Jake Jarvis

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- EDUCATION:** **Ridge High School** (2006 - 2010)
Carnegie Mellon University (2009) – Summer Study in Computer Science & Calculus
- SKILLS:**
- **Coding:** Java, C, C++, PHP, MySQL, Ruby on Rails, XHTML, JavaScript, CSS, ASP, Visual Basic
 - **OS:** Windows Vista/XP, Mac OS X, Linux (Cent OS, Fedora, Debian, Ubuntu)
 - **Software:** Adobe Creative Suite (Photoshop, Flash, Illustrator, Dreamweaver), Microsoft Office
- WORK:** **Independent web developer (January 2007 to Present)**
- Created and marketed several web applications, including:
 - **Courses**
 - Facebook application used by over 200,000 users to organize class discussions and homework help
 - Utilized advanced database techniques to improve efficiency for a large audience
 - Purchased by Cramster.com in 2007
 - **Middio**
 - Aggregated tens of thousands of licensed music videos and made them searchable by artist, title, lyrics, and related songs
 - **Audio**
 - Facebook application used by over 25,000 users to upload songs
 - Learned about data compression and database optimization through storing and indexing tens of thousands of audio files
- Bernards Township Board of Education (September 2009 to June 2010)**
- Internship at the school district's technology department
 - Repaired website bugs and implemented compatibility fixes across the district
- Revision3 (August 2007)**
- Worked with CEO to develop a Facebook presence for Revision3's online video shows
 - Integrated the application into Revision3's existing CMS through RSS feeds
 - Application available at revision3.com/facebook
- Greylock Partners (July 2007)**
- Worked with an associate to conceptualize and develop a social Facebook application
 - Implemented detailed product specifications in a short period of time
- CampTech Computer Center (December 2006 to August 2008)**
- Assisted with teen summer classes on the Macromedia Studio software (Flash, Dreamweaver, Fireworks), HTML, GameMaker, Animation Master, Geometer's Sketchpad, and others
- Liberty Corner Computing (June 2003 to October 2006)**
- Mentored children, teens, and adults in basics of using a computer, game creation, graphic design, HTML, and advanced programming languages (PHP, Visual Basic, Java)
 - Managed website and created a back-end management system for easy use by staff
 - Developed courses and camp curriculum to teach programming and graphic design
- ACTIVITIES:** **National Honor Society (11th & 12th Grades)**
- Tutored students, volunteered at school events, and performed community service
- Future Business Leaders of America (11th & 12th Grades)**
- Won 1st Place *Computer Applications* regional competition
 - Could not move on to state competition due to club/school funding issues

Habitat for Humanity, Ridge High School Chapter (11th & 12th Grades)

- Developed a comprehensive website and back-end database to organize hundreds of student participants into different responsibilities and committees
- Facilitated chapter communication through a mass-email system and Facebook page
- Accessible at ridgehabitat.com

Yearbook (11th & 12th Grades)

- Assisted other staff members with issues in the first year of moving to entirely digital production
- Scanned photos, designed layouts, and wrote captions

P.U.S.H.: Prevention Using Student Help (11th & 12th Grades)

- Educated fourth graders on the importance of saying “No” to drugs and alcohol

Technology Club (10th, 11th, & 12th Grades)

- Attended weekly meetings to participate in exercises involving programming, circuit board design, etc.

Tennis (Out-of-school, All Grades)

- Participated in weekly tennis lessons in Berkeley Heights, NJ throughout the school year and summer

Red Cross Club (11th & 12th Grades)

- Developed a website to advertise and organize the Red Cross chapter at Ridge High School
- Accessible at ridgeredcross.org

International Humanitarianism for Students (11th Grade)

- Participated in a fundraiser to sell bracelets to benefit global humanitarian movements

School Newspaper, “The Devil’s Advocate” (9th Grade)

- Wrote monthly articles for the widely distributed school newspaper

Japan Club (9th Grade)

- Attended bi-monthly meetings to complement my education in the Japanese language

VOLUNTEER WORK:

Courage to Connect NJ, Long Hill, NJ

- Developed a comprehensive website to promote a non-profit organization in New Jersey
- Created tools to organize New Jersey citizens by municipality and made it easy for non-profit administrators to contact participants

The National K-12 Ceramic Exhibition Foundation, Bridgewater, NJ

- Revised existing code to allow the foundation to accept and manage contest entries through an intuitive front-end interface and a custom back-end CMS
- Accessible at k12clay.org

Pilgrim Congregational Church, Warren, NJ

- Created and designed the church’s website using WordPress
- Updated the calendar once a month with new events and added photos from past events

PRESS:

The new Facebook is on a roll (*Fortune Magazine* — June 2007)

<http://money.cnn.com/2007/06/01/technology/facebookplatform.fortune/index.htm>

10 Tech Whizzes Under 20 (*AOL Switched* — July 2009)

<http://www.switched.com/2009/07/23/10-tech-whizzes-under-20/>

Your Next Client? The CEO's Son (*Advertising Age* — May 2007)

http://adage.com/smallagency/post?article_id=116723

Facebook App of the Day: Powncer (*The Lab With Leo Laporte [G4techTV]* — August 2007)

<http://jakejarvis.com/powncer.mov> QuickTime Video - 8.8 MB