

# Tali Padan

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## experience

September 2007 – Present

### **Instructor**

Prison Education Initiative

- Teaching Computer Skills and Life Skills in Riker's Island Jail

August 2005 – Present

### **Program Manger, Hiring Manager and Mentor**

Vision Education & Media

- Managing and teaching a National Science Foundation funded program for a total of 150 high school students over three years.
- Developing entire curriculum, including modules in Robotics, Web Design, Blogging, Flash Animation, Digital Audio and 3D Modeling.
- Organizing a seven week summer internship program.
- Recruiting, Interviewing and hiring new mentors to teach programs.
- Lead organizer of an annual educational technology professional development conference that takes place in New York City.
- Teaching Flash Animation at Samuel Gompers High School in the Bronx.

June 2006 – Present

### **Web Developer**

Jewish Community Relations Council

- Designing and developing a webpage for YouthBridge New York, a youth leadership program that focuses on diversity.

July 2005 – June 2006

### **Resident Researcher**

New York University, Interactive Telecommunications Program (ITP)

- Worked on projects and assisted students in Digital Audio.
- Helped organized programs in Assistive Technology and the Social Justice Internship Program.

Summer 2005

### **Digital Video Mentor**

Vision Education & Media

- Worked with teenagers who failed their ninth grade year in an effort to show the joy of learning through technology and multimedia.

January – May 2005

### **Video Mentor and Project Manager**

New York, NY

- Worked with Independence High School in Manhattan, teaching the skills needed to make a movie.
- Planned and carried out a ten-week program in which high school students work with graduate students to make a movie of their creation.

January – May 2005

### **Digital Video Mentor**

The Producer's Project

New York, NY

- Interned in Concord High School in Staten Island, mentoring high school youth in making a promotional video for their school.

Summer 2004

### **Summer Robotics Mentor**

Vision Education & Media  
New York, NY

- Co-taught a summer program in Robotics for high school youth in the south Bronx, using the Cricket board technology developed at MIT.
- Wrote entire curriculum for this 6 week program, including lessons in Robotics, Web Design, guest speakers from various fields, and field trips.
- Worked in partnership with SoBro – South Bronx Overall Economic Development Corporation.

**After-School Robotics Mentor**

Vision Education & Media  
New York, NY

- Worked as a mentor for the FIRST Robotics competition in Alfred E. Smith High School in the Bronx.
- Taught programming skills and guided the design of the robot.

**education**

**Interactive Telecommunications Program, New York University**

Master's degree, Professional Studies (MPS)  
May 2005

**Georgia Institute of Technology**

Bachelor's Degree, Computer Science, High Honors  
December 2002

**computer skills**

Java, C++, Squeak, SQL, PHP, Perl, HTML, CSS, Basic, Logo, Actionscript

**graphics and video**

Photoshop, Flash, Dreamweaver, Adobe Premiere, Adobe After Effects, Final Cut Pro, ProTools, Reason, Google Sketchup

**educational tools**

Microworlds, Scratch, RoboLab, NXT Mindstorms, PicoCricket

**languages**

Hebrew, English, French, Spanish

**projects**

Worked on a thesis project which proved that constructivist learning is beneficial to high school students and technology supports this kind of learning. I made a video documenting the process of students from Independence High School as they worked to write, produce, videotape, and edit their own movie. The final documentary showed changes in the students' knowledge, collaboration skills, motivation, articulation, confidence and general attitude.

See more projects at [www.talipadan.com](http://www.talipadan.com)