



## OVERVIEW

Iridescent is a science and engineering education non-profit organization that trains scientists, engineers and technology professionals to develop and teach project-based lessons for underserved children and their families.

Since Iridescent was founded in 2006, it has trained ~400 engineers and technology professionals who have reached ~9000 children in Los Angeles, New York City and the San Francisco Bay Area.

Our *vision* is to be the premier institution that helps STEM professionals communicate their passion through low-cost project based lessons to children. We are working towards having a very sustainable and large-scale curriculum development engine. Success for us would mean that our curriculum is being used worldwide and especially in developing nations.

## PROGRAM: Technovation Challenge

The Technovation Challenge is a unique, multi-faceted program that supports girls and women to see themselves not just as users of technology, but as inventors, designers, builders and entrepreneurs in the technology industry. The Technovation Challenge is a ten-week program in which universities, technology companies and schools come together to support high school girls in learning about computer science and entrepreneurship.

The girls work in teams with teachers and professional women in technology to program mobile phone applications (apps) using a blocks-based, *App Inventor* program. At the end of the ten-weeks the girls pitch their app ideas and business plans to a panel of venture capitalists. The program goals are to increase girls' interest in computer science and technology careers and increase the girls' confidence in their ability to learn advanced computer science concepts.

## POSITION: Technovation Challenge Instructor

### JOB RESPONSIBILITIES:

- Attend a training session in January
- Teach sessions one evening per week (5:30-7:30 pm) for ten weeks beginning in Feb. 2012
- Prepare for sessions (1 hour of planning time is included in payment)
- Moderate Technovation Google user group
- Check-in weekly with Director of Curriculum and Assessment
- Attend pitch event in April

### QUALIFICATIONS:

- Graduate student in education, computer science, or business
- Highly dependable, punctual, and attentive to detail
- Willing and able to travel to a corporate site in the Bay Area
- Teaching experience

**COMPENSATION:** \$25/HOUR

**TO APPLY:** Send resume and cover letter to: [jeri@iridescentlearning.org](mailto:jeri@iridescentlearning.org)