

Job Title: Exhibit Electronic Technician Intern
Part-Time Position: Approximately 12-15 hrs/week
(Some weekend hours required)
Anticipated Start Date: ASAP

Do you enjoy making fun things with electronics? We have some exciting exhibits in the works for 2013, and we're looking for an Electronics Whiz to make them as exciting as possible. View samples of what we've been creating lately at goo.gl/o3jx7, and more photos on our flickr page (goo.gl/Ml0kN). If you'd like to help make our next exhibit even better than our last, while building your Electronics Engineering skills, read on...

Internship duties:

- 1. Create electronics systems for new exhibits. Prototype, test, fabricate, and document systems that are exciting, cost effective, reliable, and maintainable. Program microcontrollers using the Arduino language. Document wiring using EAGLE.
- 2. Implement a variety of technologies including microcontroller + computer paired systems, RFID systems, motors, sensors, LEDs, etc.
- 3. Repair and make improvements to existing exhibits
- 4. Limited IT support: PC purchasing, networking, troubleshooting existing systems, etc.
- 5. Other duties as assigned by Direct Supervisor.

Qualifications

The ideal candidate will possess the following:

- 1. Innovative, independent, and flexible problem solver
- 2. Experienced with microcontroller programming and wiring.
- 3. Structured and easily-understood programming and documentation practices
- 4. Eager to make changes based on visitor prototyping and exhibit-staff input
- 5. Interest and passion for science and technology education

Internship details:

- 1. Start date: ASAP / End date: December 2013 (dates are flexible)
- 2. Hours dependent on academic program's internship requirements, if any (ideally, 12-15 hours per week).
- 3. Educational stipend upon completion
- 4. Direct Supervisor: Steven Valenziano- Exhibit Design Coordinator. Supporting supervisor: Micaela Balzer- Director of Innovation and Learning.

Evaluation and Development:

- 1. Pre-, mid-, and post-evaluations will be completed through one-on-one meetings.
- 2. Other evaluation routines that align with (or, are required by) the academic program's internship requirements will also serve as ongoing evaluation and development opportunities.

To Apply:

- Please send a cover letter, resume, and examples of your work (optional) as e-mail attachments (attachment total should be less than 10MB) to Steven Valenziano at valenziano@impression5.org by July 1, 2013. Subject line should read: "Exhibit Tech Intern 2013"
- Contact Steven by phone at (517) 485-8116, ext. 35, with any additional questions.

Notice:

A criminal background check is performed for all individuals who are employed or volunteer at Impression 5 Science Center. Unsatisfactory results of the background check will disqualify applicants from further consideration.

###