

Jason Block

9218 Luna Avenue, Morton Grove, IL 60053

jason@jasontheblock.com

jasontheblock.com

(847) 530-4299

EDUCATION

Rose-Hulman

B.S. Mechanical Engineering, May 2012

Multidisciplinary Robotics Minor

Computer Science Minor

Current GPA: 3.64

- Designed and built a sixteen-button music sequencer using a piezo buzzer, a matrix of silicone-rubber buttons, and a microcontroller programmed in C
- Developed an audio visualizer using WebGL (bit.ly/audiosphere)
- Created an analytical inverse kinematic model for a robotic arm attached to a National Instruments mobile robotic platform in LabVIEW

SKILLS

Programming Skills

- Proficient in front-end web design/development principles
- Intermediate experience with object-oriented programming (Java, C#, Python)
- Basic to intermediate knowledge of Javascript/JQuery, PHP, LabVIEW*, Oracle IDOC, robotics programming in FORTH, OpenGL/WebGL, and high/low-level C

**Currently training for CLAD (Certified LabVIEW Associate Developer) certification*

Extracurricular

Web, graphic, and theatrical lighting design, branding/identity, DSLR photography and photo editing, non-linear video editing

Classroom Experience

Engineering system design, feedback control systems, robotic kinematics, Android development, machine shop skills, 3D CAD modelling

EXPERIENCE

Shure Inc.

Web Design Intern

Summers 2010 & 2011

- Designed and prototyped mobile-targeted contest landing pages in partnership with Rolling Stone magazine and Lollapalooza, receiving more than 600 total entries
- Developed tablet-friendly photo slideshow for Shure-endorsed artist Matt & Kim (shure.com/americas/mattandkim/photos)
- Completed contracted design work in between internships for e-commerce initiative

Self-Employed

Freelance Web Designer

June 2009 - Present

- Self-marketed my business to six clients as of June 2011
- Collaborated with various performing arts groups and private companies based in Illinois, Michigan, and Florida on their online identities
- Online consultant for Starkid Productions--creators of "A Very Potter Musical"

611Connect.com

Staff Blogger

June 2009 - August 2010

- Authored between five and ten blog posts per month concerning news and rumors in the world of cell phones and other mobile devices
- Performed video reviews of new cell phones and posted them to YouTube, with several reaching view counts in excess of 10,000 views as of January 2011
- Interviewed several key opinion leaders from the mobile phone industry at the 2010 Consumer Electronics Show as a reporter on the show floor

ACTIVITIES

Rose-Hulman

- Student Representative, Potential Academic Technology Committee
- Online Editor, INK Literary and Design Magazine
- Business Manager, Rose-Hulman Yearbook
- Videographer/Documentarian, Homecoming Bonfire Committee
- Member, Blue Key Honor Society
- Member, American Society of Mechanical Engineers