

Biyeun M. Buczyk

3 Ames Street, G119 Box#95
Cambridge, MA 02142

617.500.5454
biyeun@mit.edu

Primary Interests: optics, traditional and digital photography,
computational photography, user interface design

EDUCATION

Massachusetts Institute of Technology

Currently enrolled. Projected graduation: June 2010
Course VIII-B (BS in Physics)

WORK EXPERIENCE

MIT Media Lab: Student Researcher in the Camera Culture Group

June 2009 to Present

Currently working on Camera Culture's femtosecond transient imaging project. Gained experience in use of femtosecond lasers and a picosecond ICCD camera.

MIT Student Art Association: Photography Instructor

December 2008 to Present

Taught basic traditional black and white photography and advanced large and medium format photography to groups of 5 to 8 students.

MIT Student Art Association: Redesign of Website

January 2009 to May 2009

Reorganized and redesigned website with more intuitive navigation. Implemented Plone, an open source Python CMS, to make the website more update-friendly and accessible.

URL: <http://saa.mit.edu/>

Akamai Technologies: Dev Tools Group

June 2008 to August 2008

Redesigned the user interface of an internal website used by developers and managers to track the status of projects. Improved workflow and overall usability of the website. Learned to use Ruby on Rails.

MIT Experimental Study Group: Web Designer/Developer

August 2007 to Present

Evaluated previous design and organizational issues with the department website and proposed a new content structure and GUI. Redesigned website using Plone for more efficient and user-friendly maintenance.

URL: <http://esg.mit.edu/>

TECHNICAL SKILLS

Programming Languages

Python	1 year
Ruby on Rails	started using this summer
XHTML, JavaScript, CSS, PHP	7+ years of experience, use frequently
ASP, VB Script, SQL	6+ years, use occasionally
C++	5 years, use occasionally
MATLAB	1 year

Applications

Adobe Photoshop	11 years, constant use
Adobe Illustrator	9 years, use occasionally

Operating Systems

Windows XP	5+ years, took MCP XP administration course
Ubuntu Linux	2 years, constant use
Mac OS X	3 years, constant use

FELLOWSHIPS AND AWARDS

MIT Public Service Center: Summer Fellowship: InterConnection Uganda

June to August 2007 (Kampala, Uganda)

Assisted with the creation of a computer refurbishing center in Uganda through collaboration with Uganda's Minister of State for Information and Communications Technologies (ICT) and partner organization Computers for Uganda. Oversaw and trained a team of four Ugandan technicians in computer refurbishment.

GROUP EXHIBITIONS

Photographic Resource Center Student Exhibition

January 2008

Two works included.

ARTISTIC PROJECTS

Building an 8x10 Camera

January 2008 to July 2008

Designed and built an 8x10 field camera at the MIT Hobby Shop. (URL: <http://camera.biyeun.com/>)

A Sea of Hands

December 2006

Cast eighty plaster arms for display in Killian Court.

VOLUNTEER WORK

Computers for Uganda Project

September 2004 to present

Led teams of 8 and 12 high school students through technical aspects of computer lab installation in primary and secondary schools in Uganda. Created instructional material to aid with future lab setup. Preparation included training non-technical students and refurbishing the computers before traveling to Uganda. Traveled with team to Uganda for three weeks during June and July 2005 and again in 2006, 2007, and 2009.