

Kanako Abe

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EDUCATION

Rutgers University, School of Arts and Sciences, Mason Gross School of the Arts
B.A. in Computer Science, B.A in Visual Art, October 2013, Available July

New Brunswick, NJ
GPA: 3.2

SKILLS / RELEVANT COURSEWORK

- Languages: Java, MATLAB, C, JavaScript, MySQL, OpenGL, HTML, Processing, .NET, Ajax, Ruby. Comfortable with API's such as Twitter and MailChimp.
- Software: Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Visual Retailing Software, Final Cut Pro, Microsoft Office (Excel, Word, Powerpoint).
- Relevant Coursework: Design and Analysis of Algorithms, Data Structures, Combinatorics, Discrete Mathematics, Computer Architecture, Databases, Software Methodology (Android Application), Imaging and Multimedia, Computer Graphics, Linear Algebra.
- Hardware: Arduino, Raspberry Pi, Basic circuitry.
- Design/Art: Graphic Design, Digital and Film photography, fashion styling, drawing, and video/film.
- Fluent in Japanese and proficient in Spanish.

EXPERIENCE

Research at Rutgers University Computation Biomedicine Imaging and Modeling Center

January 2013 - Present

Research Partner

New Brunswick, NJ

- Currently working with PhD student Babak Saleh and Associate Professor Ahmed Elgammal on Computer Vision thesis.
- Complete preliminary research on art history, painters, and art influences.
- Created a dataset with 1710 paintings over a span of 600 years including annotations.
- Use Matlab, various frameworks and toolboxes to design and create a model that will contribute to the difficult task of classifying paintings in such a way that influence between artists can be measured.
- Ponder and apply ideas of image similarity, dimension reduction technique, locally linear embedding (LLE), graph cut, and more.

Tommy Hilfiger

April 2013 - Present

Freelance – Research and Development

New York, NY

- Work collaboratively in a small team to create “The Brief”, a 200+ page book for next year’s themes and inspiration.
- Part of the most forward-thinking team of the company, where the core ideas of design and merchandise is rooted from.

VenueTap

June 2012- August 2012

Technology and Web Development Intern

New York, NY

- Utilized Amazon Web Service’s EC2 and D3 to set up multiple servers used for different stages of web development such as Development, Production, and Testing.
- Attended weekly meetings to plan the infrastructure of Continuous Integration and Automated Testing.
- Implemented grey-box testing for NUnit and Selenium frameworks, and set up automated testing for continuous integration using TeamCity.
- Developed parts of the website such as email integration with MailChimp using ASP.NET, Ajax, and JavaScript.
- Create flyers for website promotions and image development.

Tommy Hilfiger

August 2010 - Present

Freelance Visual Retailer – Creative Services Department

New York, NY

- Create the Visual Merchandise Directive for Brazil, Peru, Argentina, and the TH subdivision, Tommy Girl.
- Create mock shops using Visual Retailing Software to simulate examples of store interiors in 3D space.
- Use Adobe Photoshop/InDesign to make layouts and manipulate hundreds of clothing colors, fabrics, and sizes.

Trim Magazine – Fashion, Arts, and Culture publication

November 2011 - Present

Co-founder / Chief Editor / Creative Director

New Brunswick, NJ

- Co-founded a fashion, arts, and culture magazine within Rutgers University and Mason Gross School of the Arts.
- Act as main contact for photographers, designers, bands, and modeling agencies for photo shoots and culture content.
- Organize and plan six fashion shoots to date.
- Manage a budget of about \$3000 per semester

90.3FM the Core – Student-Run Radio Station

October 2010-May 2013

RPM Music Director / DJ

New Brunswick, NJ

- Manage and maintain the RPM genre library.
- Keep in weekly contact with promoters who give new music, giveaways, and interview opportunities for the station.
- Expand public speaking skills by hosting a weekly show about new and independent music.

Google Hack212: Urban Innovation

October 2011

Participant

New York City, NY

- Participated in a 12 hour long all-female hack-a-thon event sponsored by Google.
- Worked in a group of 4 under high pressure to create a technological solution to the NYC parking situation.