

# Jessica Yang

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## Education

Yale University, New Haven, CT

Graduating May 2016

- B.S. in Computer Science. *Areas of interest:* human-computer interaction, human-robot interaction.
- Research assistant in the Yale Social Robotics Laboratory. *PI:* Professor Brian Scassellati.

## Skills and Coursework

*Coding:* C, C++, HTML/CSS/jQuery, Python, R, Scheme, SQL.

*Design:* 8 years illustration/design experience. Mastery of Photoshop; proficiency in Illustrator, Balsamiq Mockups, InDesign.

*Selected Coursework:* Systems Programming, Intelligent Robotics w/ Lab, Data Structures, Data Analysis, Computational Linguistics, Databases, Decentralized Systems (*ongoing*). Cognitive Science, Social Psychology, Graphic Design (*ongoing*)

## Experience

User Experience Designer/Visual Designer

Sep 2014 – present

*Yale Information Technology Services, New Haven, CT*

- Drive creation and improvement of user experience for several Yale-related applications used by hundreds in the Yale community and the wider public, working with various small developer teams.
- Perform research to distill and prioritize user/stakeholder needs; create personas, prototypes, visual assets and more.
- Manage the Android development team, communicating with teammates and supervisors on direction and progress.

DAAD RISE Research Scholar

Summer 2014

*Central Institute of Mental Health (ZI Mannheim), Mannheim, Germany*

- Investigated how to extend fMRI neurofeedback therapy to factor in connectivity between brain regions.
- Designed and programmed a new experiment; wrote R and Python scripts for utility and data analysis.

Student Tech

Jan 2014 – Sep 2014

*Yale Information Technology Services, New Haven, CT*

- Provided comprehensive hardware and software support services to over 6000 Yale students.
- Improved communication skills and understanding of user perspectives through managing helpdesk tickets.

Software Engineering Intern

Summer 2013

*ST Engineering (Training & Simulation), Singapore*

- Designed and developed a HTML5 front-end to the Instructor/Operator Station of a military flight simulator, gathering missing user requirements and working closely with back-end engineers.
- Implemented a dynamic map with the OpenLayers JavaScript mapping library, flight/comms/approach monitoring, mission/simulation controls, and wrote both end-user and technical documentation.

Freelance Illustrator and Designer

2007 – present

- Projects have included magazine cover illustration, portraits, cartoons, web design/development and logo design.

## Awards

RISE Scholarship awarded by the *German Academic Exchange Service (DAAD)*

Mar 2014

- Selected from over 2000 multinational applicants for a fully sponsored research internship in Germany.

Richter Fellowship awarded by *Yale University*

Apr 2014

- Awarded in support of overseas independent research of significant scholarly and pedagogical merit.

## Activities and Leadership

Co-president, *Malaysian and Singaporean Association of Yale*

2012 – 2014, New Haven, CT

- Planned overall direction and activities for the Southeast Asian community.
- Liaised between Yale students, Singaporean government organizations and Yale-NUS College.

Hackathon Team Leader, *Y-Hack 2013, Google 24 Hours of Good 2014*

2013 – present, various

- Managed teams from vision through execution, as well as web front-end design and development.
- Led team to 1st runner-up at a Google hackathon in 2014.

Alto, *Yale Glee Club*

2012 – present, New Haven, CT

- Sing in a 154-year-old, critically acclaimed choir with frequent domestic and international tours.

## Additional Information

- *Languages:* English (native), Mandarin Chinese (native), German (~CEFR A2, advanced beginner)
- *Other Interests:* LGBTQ and minority issues, multiculturalism, music, martial arts, travel, education, writing
- *Website:* [www.jessicayang.org](http://www.jessicayang.org)     *Art Portfolio:* [art.jessicayang.org](http://art.jessicayang.org)