Jessica Yang

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Education

Yale University, New Haven, CT   Expected graduation 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.

Technical Coursework: Systems Programming, Intelligent Robotics w/ Lab, Decentralized Systems, Data Analysis, Databases, Computational Linguistics, Algorithms, Graphics. *Other Courses:* Cognitive Science, Social Psychology, Graphic Design.

Experience

User Experience Designer/Visual Designer   Sep 2014 – present
Yale Information Technology Services, New Haven, CT
- Drive creation and improvement of user experience for apps used by hundreds at Yale and more among the public.
- 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.
- Defined features and designed UI by gathering 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

Hackathon Team Leader, *Y-Hack 2013, Google 24 Hours of Good 2014*   2013 – present, various
- Managed teams from vision through execution, and did front-end web design and development.
- Led team to 1st runner-up at Google hackathon in 2014.

Co-president, *Malaysian and Singaporean Association of Yale*   2012 – 2014, New Haven, CT
- Planned direction and activities for the Southeast Asian community at Yale.
- Liaised between Yale students, Singaporean government organizations and Yale-NUS College.

Alto, *Yale Glee Club*   2012 – present, New Haven, CT
- Full-time member of a 154-year-old, critically acclaimed choir with frequent domestic and international tours.

Skills

Coding: C, C++, HTML/CSS/jQuery, Python, R, Scheme, SQL.
Design: 8 years illustration/design experience. Mastery of Photoshop; proficiency in Illustrator, InDesign, Balsamiq Mockups.

Additional Information

- *Languages:* English (native), Mandarin Chinese (native), German (~CEFR A2-B1 beginner/ intermediate)
- *Other Interests:* LGBTQ and equality issues, multiculturalism, music, martial arts, travel, education, writing
- *Website/Portfolio:* www.jessicayang.org — *UX Stack Exchange Profile:* bit.ly/1ekiWRZ