

EDUCATION

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| Stanford University | Stanford, CA | September 2014 – May 2018 |
| <ul style="list-style-type: none">• Pursuing B.S. in Computer Science (focus in Human-Computer Interaction) and completing core in Product Design• Interested in product design opportunities with a background in engineering | | |

EMPLOYMENT

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| ChannelMeter | UI Design Intern | June – August 2014 |
| <ul style="list-style-type: none">• Redesigned website and blog for YouTube analytics company ChannelMeter; laid out information architecture and visual design for frontend site and internal dashboards• Constructed mockups and wireframes with Adobe Creative Suite, Google Polymer, and Invision• Oversaw new branding for ChannelMeter through all social media channels• Designed deck and presentation for ChannelMeter at 500 Startups (Batch 9) Demo Day and Preview Day | | |

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| Wislr | Web Development Intern | February – April 2014 |
| <ul style="list-style-type: none">• Used JavaScript, jQuery, HTML, and CSS to build websites and applications for Wislr's social media outreach• Coordinated with marketing team and developed strategies to build target user base | | |

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| Stanford University
<i>Radiological Sciences Lab</i> | Research Intern | July 2013 – January 2014 |
| <ul style="list-style-type: none">• Programmed in MATLAB to perform CT-related image processing tasks such as noise signal creation, and removal using FFT• Conducted research on computed tomography (CT) perfusion in stroke patients in conjunction with neuroscientists• Applications: minimize radiation from CT scans while maintaining resolution of images | | |

PROJECTS

- **ALS Ice Bucket Challenge (2014)**. Built a website for the 24-hour challenge to inform readers about amyotrophic lateral sclerosis and to support the fight against ALS, integrated site with Google Analytics (kathliu.github.io/ALS)
- **Designbase (2014)**. Created and managed an online community of over 250 designers to share projects, inspiration, and events (facebook.com/groups/designbase)
- **BioInnovate Interview Series (2013-14)**. Interviewed leaders and entrepreneurs in biotechnology and created an online blog called BioInnovate to help students learn more about careers paths and trends in biotech (bioinnovate.tumblr.com); published selected interviews in biotech journals like O'Reilly's BioCoder magazine
- **The Quark Initiative (2013-14)**. Created science illustrations and narratives tailored to the curriculum of elementary school students; contacted over 75 local schools to integrate these resources as supplemental learning materials

HONORS AND AWARDS

- **Salesforce UX/Grace Hopper portfolio competition (2014)** – winning UI/UX portfolio, first place of all undergraduate entries
- **Andreessen Horowitz + Asana Designathon (2014)** – winning design for Asana integration with Dropbox and Gmail
- **ABC7 Top Scholar (2014)** – one of seven Bay Area students featured for academic accomplishments and leadership
- **High School Hacks ImageShack API award (2014)** – programmed and designed speed-clicking game Giraffe or Mouse (kathliu.github.io/giraffeormouse)
- **Rambus Innovator of the Future Award (2014)** – one of two students chosen for achievements in technology and education
- **Congressional Award Gold Medal (2013)** – awarded by United States Congress for public service and personal initiative
- **First Place, Entrepreneurship (2011)** – championship team for Entrepreneurship at Future Business Leaders of America National Leadership Conference

INTERESTS

- Learning 3D modeling
- Participating in biotechnology web design competitions (highcontentscreening.wix.com/drug-development)
- Practicing graphic design and working with the Adobe Creative Suite (katherineliu.me/design)
- **Skills:** JavaScript, HTML/CSS, Java, C++, Adobe Photoshop, Adobe Illustrator
- **Online portfolio:** katherineliu.me