

# KALI CORNN

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**SKILLS** *Languages:* HTML, CSS, JavaScript, AngularJS, Meteor, Swift, C++  
*Tools:* LaTeX, Matlab, R, Mathematica, Xcode  
*Interests:* Front-end development

**EDUCATION** **Stanford University, B.S. Candidate in Computer Science**  
*09/2014 – 06/2018: Junior*  
**Select coursework:** Computer Organization/Systems, Algorithms, Web Applications, Probability for Computer Scientists, Applied Statistics (Regression)

**EXPERIENCE** **Independent Researcher**  
*Stanford School of Medicine (Dept. of Vascular Anomalies), June 2015 – Present*

- Developing iOS app to facilitate data collection for patients who have lymphatic malformations, a rare medical condition (**Swift, ResearchKit framework**)
- App features: (1) Tracking patient symptoms through a survey, (2) Uploading patient photos, (3) Emails to physicians

**Research Intern**  
*Canary Center at Stanford, June 2015 – September 2015*

- Developed GUI in **Matlab** for CT/MRI visualization and segmentation
- Implemented automatic and manual segmentation techniques, and histogram analysis

**Student Health Writer, Marketing Coordinator**  
*iThrive @ Stanford, April 2015 – Present*

- Write articles for Stanford's online student health magazine
- Redesigned Tumblr theme layout (**HTML/CSS**)
- Developed random motivational quote generator for students (**HTML, CSS, JavaScript**)
- Design marketing materials and emails for iThrive events
- Update iThrive social media (Facebook/Tumblr)

**LEADERSHIP** **Vice President**  
*Alpha Phi Omega, Co-Ed Service Fraternity (Zeta Chapter), October 2014 - Present*

- Responsible for leading weekly meetings, organizing service and fellowship events, connecting with other chapters, recruiting new members, and attending regional officer conferences
- Create and update chapter website (**HTML/CSS, JavaScript**)
- Develop website for annual Charity Auction (live-auction website) (**HTML/CSS, Meteor, JavaScript, AngularJS**)

**President, Community Service Director**  
*Society of Asian Scientists and Engineers, October 2014 - Present*

- Organize outreach events for middle- and high-school students to engage them in science and engineering activities
- Organize informational talks by faculty in engineering departments