

KALI CORNN

kcornn@stanford.edu | kcornn.github.io | github.com/kcornn | (520) 488-5461

EDUCATION **Stanford University, B.S. Candidate in Computer Science**

September 2014 – June 2018: Senior

Coursework: Algorithms, Computer Systems, Web Applications, Theory of Probability, Applied Statistics (Regression), Biostatistics, Data Mining, Artificial Intelligence, Data Visualization

EXPERIENCE **iOS Developer/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
- Redesign Tumblr theme layout (**HTML/CSS**)
- Develop random motivational quote generator for students (**HTML/CSS, JavaScript**)
- Design marketing materials and emails for iThrive events
- Update iThrive social media (Facebook/Tumblr)

PROJECTS **Senior Project**

Stanford University (Dept. of Computer Science), September 2017 – Present

- Front end and UI development to assist athletic coaches more efficiently collect and store information about potential high school recruits

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**)

Social Media/Marketing Executive, Professional Development Executive

Stanford Premedical Association, September 2015 - Present

- Organize annual SUCRE program (match undergraduates to research labs)
- Maintain and update Stanford Premedical Association website

SKILLS **Languages:** HTML, CSS, JavaScript, AngularJS, Meteor, Swift, C++, C, Java

Tools: LaTeX, R, Matlab, Mathematica, Xcode