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# SHAAN APPEL

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## EDUCATION

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<b>Berkeley, CA</b>	<b>University of California, Berkeley</b>	<b>Aug 2015 – May 2019</b>
<ul style="list-style-type: none"><li>• Bachelor of Science in Computer Science and Engineering (EECS)</li><li>• GPA – <b>4.00</b></li><li>• Technical Coursework: Structure/Interpretation of Computer Programs; Data Structures; Machine Structures; Designing Information Devices and Systems; Discrete Math and Probability Theory; Multivariable Calculus</li></ul>		

## TECHNICAL EXPERIENCE

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<b>Head Backend Developer</b>	<b>Thought Lounge</b>	<b>Nov 2015 – Present</b>
<ul style="list-style-type: none"><li>• Developed the fully real-time backend of <a href="http://doatl.thoughtlounge.org">doatl.thoughtlounge.org</a> using Meteor.js</li><li>• Worked with the MailChimp, AWS S3, and Mailgun APIs</li><li>• Implement database performance enhancements for site expansion to service over 10 major universities</li></ul>		
<b>iOS Developer</b>	<b>Mobile Developers of Berkeley</b>	<b>Feb 2016 – Present</b>
<ul style="list-style-type: none"><li>• Released the app Sincerely, an anonymous messenger app for promoting positivity, to the App Store</li><li>• Ideate, develop and release an iOS app per semester in a team of 4 using Swift and Parse</li><li>• Facilitate campus-wide events including speaker panels and app fairs, and lead Swift training workshops</li></ul>		
<b>Director</b>	<b>Cal Hacks</b>	<b>Feb 2016 – Present</b>
<ul style="list-style-type: none"><li>• Assessed personnel requirement for Cal Hacks, the largest collegiate hackathon in the world</li><li>• Developed additional features for Cal Hacks website using JavaScript</li><li>• Organized and directed Berkeley's first NASA Space Apps Challenge within a core team of three people</li><li>• Manage company leads on sponsorship team tasked with filling a \$300k budget</li></ul>		
<b>Lead Instructor</b>	<b>Make School</b>	<b>June 2016 – August 2016</b>
<ul style="list-style-type: none"><li>• Managed the Hong Kong location as Lead Instructor</li><li>• Lead discussions and activities to engage students in product development and programming concepts</li><li>• Developed and delivered course curriculum geared towards teaching programming fundamentals with Swift</li></ul>		

## PROJECTS

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<b>DOATL – Lounge Hosting Web App (<a href="http://doatl.thoughtlounge.org">doatl.thoughtlounge.org</a>)</b>	<b>Nov 2015 – Present</b>
<ul style="list-style-type: none"><li>• Real-time web application currently used at 10 universities in the US. Encourages intellectual discussion by allowing hosts to create "lounges" and connect with participants. Meteor.js, MongoDB, JavaScript, HTML, CSS</li></ul>	
<b>LaundryMates Web App (<a href="http://getlaundrymates.com">getlaundrymates.com</a>)</b>	<b>Feb 2016 – July 2016</b>
<ul style="list-style-type: none"><li>• Laundry order app targeted at college students living in the dorms. Singlehandedly implemented functionality and basic styling. Meteor.js, MongoDB, JavaScript, HTML, CSS</li></ul>	
<b>Sincerely iOS App</b>	<b>Feb 2016 – June 2016</b>
<ul style="list-style-type: none"><li>• An anonymous messenger focused on promoting positivity. Implemented send, reply, and outreach viewing features using an open source Parse backend. Swift, Objective-C, Parse</li></ul>	
<b>InstaFriends Web App (<a href="http://www.instafriends.co">www.instafriends.co</a>)</b>	<b>Oct 2015</b>
<ul style="list-style-type: none"><li>• Web App made during Cal Hacks that utilizes the Instagram API to access various metrics of an Instagram profile and calculate user friendship rankings. Flask, Python</li></ul>	

## AWARDS

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**Edward Frank Kraft Award:** For highest scholastic records at the University of California, Berkeley. (Dec 2015)  
**National Merit Finalist:** Awarded to top ranking students in the National Merit Scholar Program. (Feb 2015)

## LANGUAGES AND TECHNOLOGIES

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Swift; Python; Java; JavaScript; Objective-C ; C; HTML; CSS  
Meteor.js; MongoDB; SQL; Flask; Git; XCode; Interface Builder