

# SHAAN APPEL

(203) 585-4198 | [shaan.appel@berkeley.edu](mailto:shaan.appel@berkeley.edu) | <http://shaanappel.github.io/>

## 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>3.98</b></li><li>• Relevant Coursework: Machine Learning; Artificial Intelligence; Algorithms; Linear Algebra; Discrete Math and Probability; Comp. Security; Data Structures; Machine Structures; Designing Information Devices and Systems</li></ul>		

## TECHNICAL EXPERIENCE

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<b>Technical Project Manager - Machine Learning @ Berkeley</b>	<b>Jan 2017 - Present</b>
<ul style="list-style-type: none"><li>• Lead team of 6-8 engineers to design and build production-ready machine-learning models</li><li>• Worked with client stakeholders to define data science problems and implement full-stack solutions</li></ul>	
<b>Software Engineering Intern - Apple</b>	<b>May 2017 - Present</b>
<ul style="list-style-type: none"><li>• Create scalable, interactive data visualizations using D3.js</li></ul>	
<b>Director - Cal Hacks</b>	<b>Feb 2016 – Present</b>
<ul style="list-style-type: none"><li>• Develop public website for Cal Hacks, the largest collegiate hackathon in the world</li><li>• Manage company leads on sponsorship team tasked with filling a \$350k budget</li></ul>	
<b>Head Backend Developer - Thought Lounge</b>	<b>Nov 2015 – May 2017</b>
<ul style="list-style-type: none"><li>• Backend development of <a href="http://doatl.thoughtlounge.org">doatl.thoughtlounge.org</a>, servicing over 10 major universities</li></ul>	
<b>Head iOS Instructor - Mobile Developers of Berkeley</b>	<b>Feb 2016 – May 2017</b>
<ul style="list-style-type: none"><li>• Taught 10-15 novice programming students per semester to ideate and develop iOS apps in small teams</li><li>• Hosted industry speaker panels and app fairs, and led weekly Swift training workshops</li></ul>	
<b>Lead Instructor - Make School</b>	<b>June 2016 – Aug 2016</b>
<ul style="list-style-type: none"><li>• Managed the Hong Kong location and led activities to engage students in product development</li><li>• Developed and delivered course curriculum geared towards teaching programming fundamentals with Swift</li></ul>	

## PROJECTS

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<b>Product Sentiment Analysis</b>	<b>Jan 2017 – May 2017</b>
<ul style="list-style-type: none"><li>• Tool for sentence-level sentiment classification of consumer product video transcripts</li><li>• Model: LSTM based with single convolutional layer. TensorFlow, Keras, Python, Flask</li></ul>	
<b>DOATL – Lounge Hosting Web App (<a href="http://doatl.thoughtlounge.org">doatl.thoughtlounge.org</a>)</b>	<b>Nov 2015 – May 2017</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</b>	<b>Feb 2016 – July 2016</b>
<ul style="list-style-type: none"><li>• Laundry order app targeted at college students living in 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>	

## 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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Python (scikit-learn, numpy, scipy, pandas); Swift; Java; JavaScript; SQL; Objective-C; C; HTML; CSS  
TensorFlow; Keras; D3.js; Meteor.js; MongoDB; Flask; Git; XCode; LaTeX