

Elliot Kang

7259 Glenhaven Ct. West Hills, CA 91307
elliott_kang@brown.edu • +1 (818) 216-1138

EDUCATION	Brown University , Providence, Rhode Island	Sep 2016 – May 2020
	<ul style="list-style-type: none">▪ Pursuing Bachelors of Science in Computer Science with pathway focus in Machine Learning and Data Science▪ Skills and Projects<ul style="list-style-type: none">• Languages: Java, Python, C, Julia, Javascript/CSS/HTML• JS Libraries: D3, React, Stencil web components• Python Libraries: Numpy, Pandas, Scikit Learn, Tensorflow• Tech Skills: Full stack, data visualization and analysis, exposure to AWS Cloud• Misc. Projects: Fully functional implementation of google maps, movie rating and recommending website (think Goodreads for movies)▪ 4.0 GPA, 2400 SAT	
WORK EXPERIENCE	Capital One , Software Engineering Intern	June 2019 – August 2019
	<ul style="list-style-type: none">▪ Responsible for the end-to-end development of highly configurable, W3C-compliant web components for generating D3.js-based SVG data visualizations.	
	Brown University , Undergraduate Teaching Assistant	January 2019 – Present
	<ul style="list-style-type: none">▪ UTA for Introduction to Data Structures and Algorithms and Genetics	
RESEARCH EXPERIENCE	Brown University , Using Deep Learning to Identify Endometrial Cancer in CTs	Jun 2019 – Present
	<ul style="list-style-type: none">▪ Ongoing research to use deep learning techniques to identify the presence of endometrial cancer tumors in patient CTs.	
	UCLA , Quantitative and Computational Biology Research Intern	Jun 2018 – Aug 2018
	<ul style="list-style-type: none">▪ NIH-funded research in machine learning applications in genomics▪ Optimized (utilizing hyperparameter optimization algorithms Hyperband and Harmonica) and built deep learning models to predict archaic ancestry of the human genome without the need for a complete reference genome.	
	Cedars-Sinai Medical Center , Research Intern	May 2017 – Aug 2017
	<ul style="list-style-type: none">▪ Research Intern under Eduardo Marban M.D., head of the Heart Institute, one of the nations leading centers for cardiac care and research.▪ Investigated the regenerative capabilities of Cardiosphere Derived Cells on cardiomyocytes.	
CAMPUS ACTIVITIES	Collegiate Consulting Group , Director of Conferences	Sep 2016 – May 2018
	<ul style="list-style-type: none">• Manage CCG events, including the annual CCG conference featuring speakers from top consulting, investment banking and finance firms across the country.• Consulted for Future Fuel, a startup specializing in connecting students to employers that provide student debt relief benefits. Met with CEO, presented proposal and recommendations.	
	Reformed University Fellowship , Vice President	Sep 2016 – Present
	<ul style="list-style-type: none">▪ Campus fellowship organization. Manage finances and school funding.	
	The Critical Review , Executive Editor	Feb 2017 – Present
	<ul style="list-style-type: none">▪ Leader in the Critical Review, a student group that provides a crucial service to Brown by using information from questionnaires to write class reviews.	
PUBLICATIONS	PAPERS	
	“Reverse electrical remodeling in rats with heart failure and preserved ejection fraction,” <i>JCI Insight</i> , 2018.	
AWARDS & SCHOLARSHIPS	<ul style="list-style-type: none">▪ Walgreens National Merit Scholarship	2016
	Received for becoming a National Merit Finalist	