

## EDUCATION

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Los Angeles, CA	University of Southern California	August 2018 - Present
<ul style="list-style-type: none"><li>• <b>Major:</b> B.S. Computer Science (GPA: 3.7)</li><li>• <b>Minor:</b> Applied Computer Security</li><li>• <b>Programming Coursework:</b> Software Development, Data Structures &amp; Algorithms, AI Social Good</li></ul>		

## EXPERIENCE

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Machine Learning Intern	Uliza (startup)	May 2019 - July 2019
Voice Recognition App ( <a href="https://www.uliza.org">https://www.uliza.org</a> ) <ul style="list-style-type: none"><li>• Improved speaker identification model accuracy by 15% through hyper-parameter tuning and feature selection</li><li>• Redesigned data processing pipeline handling data cleaning, feature extraction and model generation for 130 hours of audio files</li></ul>		
Software Engineer Intern	Xunlei Ltd.	June 2017 - July 2017
Xunlei iOS and Mac Apps ( <a href="http://mobile.xunlei.com/">http://mobile.xunlei.com/</a> ) <ul style="list-style-type: none"><li>• Collaborated with Mac team to extend Mac app's download capabilities by developing a safari app extension that searches for downloadable resources</li></ul>		

## EXTRA-CURRICULAR ACTIVITIES

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Head of Technology	Trojan Support (Club)	September 2019 - Present
Peer-support organization providing alternative counseling services for mental health issues <ul style="list-style-type: none"><li>• Led team of Computer Science students to redesign scheduling system for appointments and build data dashboards for post-counseling reports using NodeJS, React</li></ul>		

## SOFTWARE PROJECTS

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Deep Learning for Mental Health
<ul style="list-style-type: none"><li>• Led a research on examining mental health issues associated with built environmental features using transfer learning and ensemble learning; Achieved 0.7 R2 score for ensemble model</li></ul>
Intrusion Detection System
<ul style="list-style-type: none"><li>• Built a proof-of-concept intrusion detection system using Sparse Autoencoders, K-Means clustering and PCA decomposition; System analyses PCAP files and identifies network intrusions</li></ul>

## ADDITIONAL ACHIEVEMENTS

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<ul style="list-style-type: none"><li>• <b>SANS Community Scholarship:</b> Selected as a scholarship winner among 200 finalists nationwide for Cyber-FastTrack, an online contest related to forensics and pen testing</li><li>• <b>USC Presidential Scholarship &amp; Viterbi Scholars Award</b></li><li>• <b>Quanthub's Certificate of Excellence:</b> 4.0+/4.5 score in University Data Challenge</li></ul>
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## SKILLS

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<ul style="list-style-type: none"><li>• <b>Languages:</b> (proficient): C++, Python (familiar): Javascript, SQL, Java</li><li>• <b>Machine Learning:</b> Regression, Cluster Analysis, SVM, Ensemble learning, Basic Deep Learning</li><li>• <b>Software/Libraries:</b> Pandas, Numpy, Keras, Matplotlib, iPython Notebook, Git</li><li>• <b>Web technologies:</b> HTML5, Java Servlets, JSP, Google Cloud Services</li></ul>
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