

# VICTOR LIN

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<b>EDUCATION</b>	<b>Bachelor of Science, Computer Science</b> <b>Bachelor of Arts, Statistics</b> University of Florida, GPA 3.82/4.0	Aug 2015 – May 2019
<b>SKILLS</b>	<i>Languages:</i> Python, Shell, JavaScript, HTML, [S]CSS, Java, C/C++, SQL, VB.NET, R, LaTeX <i>Frameworks/tools:</i> Git, make, pandas, scikit-learn, Flask, Matplotlib, AngularJS, MongoDB	
<b>INDUSTRY &amp; RESEARCH EXPERIENCE</b>	<b>Research Assistant</b> Lab of Dr. Lei Zhou, University of Florida	May 2016 – Present
	<ul style="list-style-type: none"><li>Created a Python package to parse and extract taxonomy data from hundreds of protein sequences in an object-oriented fashion</li><li>Determined functionality of 8 significantly mutated genes in Small Cell Lung Cancer</li><li>Applied machine learning models and visualizations on thousands of genomic data entires</li></ul>	
	<b>Teaching Assistant</b> EML 6934 (Python Programming), University of Florida	Sep 2017 – Dec 2017
	<ul style="list-style-type: none"><li>Worked with instructor in structuring a new course with 30+ graduate students</li><li>Covered Python basics, NumPy, pandas, Matplotlib, SciPy, scikit-learn</li></ul>	
	<b>Research Intern</b> U.S. Army Research Laboratory, Adelphi, MD	Jun 2017 – Aug 2017
	<ul style="list-style-type: none"><li>Developed Python script to parse data files and determine circuit design efficiency</li><li>Facilitated development of efficient wideband power amplifiers for on-field transmitters</li><li>Nominated by branch chief as outstanding intern for ARL fellowship</li></ul>	
	<b>Software Engineering/IT Intern</b> Acceleration.net, Gainesville, FL	Jul 2015 – Jan 2017
	<ul style="list-style-type: none"><li>Designed Flask web application for TFTP router backup process to facilitate management of 30+ offsite devices</li><li>Managed 10+ client websites using WordPress and Linux command line</li><li>Utilized Git and Trac to coordinate efforts with co-workers</li></ul>	
<b>PROJECTS</b>	<b>p53-chip-seq-data</b> – Machine learning and visualizations of lab-generated genomic data <b>uniprot-taxonomy</b> – Python library for extracting taxonomy information from UniProt database <b>H4CK-3ND</b> – Interactive back-end workshop with problems and solutions <b>billboard-vis</b> – Ranking visualization tool for Billboard Hot 100 charts <b>ufsase.com, rc.ufsase.com</b> – SASE UF Chapter and 2016 SASE SERC official website	
<b>AWARDS</b>	<b>1<sup>st</sup> Place</b> , SASEhack Kaizen CTF Ranked 1 <sup>st</sup> of 35 hackers in national Capture-the-Flag style information security competition	Oct 2018
<b>LEADERSHIP</b>	<b>Co-founder, Co-captain, Choreographer</b> Vertax Diabolo Performance Group	Sep 2015 – Present
	<ul style="list-style-type: none"><li>Performed at 20+ events with audiences numbering in the several hundreds</li><li>Awarded 1<sup>st</sup> Place at 2018 VISA Talent Show</li><li>Head Chinese yo-yo instructor of 15 students at Huagen Chinese School</li></ul>	
	<b>Workshop Lead, Mentor</b> SwampHacks 2017, 2018, 2019	Jan 2017 – Jan 2019
	<ul style="list-style-type: none"><li>Hosted workshop on back-end development using Python+Flask with 50 attendees (2019)</li><li>Guided project groups on using Python, HTML, CSS, and JavaScript (2017, 2018, 2019)</li></ul>	
<b>PUBLICATIONS</b>	Varsha Sundaresan, <b>Victor T. Lin</b> , et al. <i>Significantly Mutated Genes and Regulatory Pathways in SCLC – A Meta-analysis</i> . Cancer Genetics. 2017.	