

EDUCATION	Bachelor of Science, Computer Science Bachelor of Arts, Statistics University of Florida, GPA 3.82/4.0	Aug 2015 – May 2019
SKILLS	<i>Languages:</i> Python, R, Bash, JavaScript, HTML, CSS, Java, C, C++, Visual Basic, LaTeX <i>Frameworks/tools:</i> git, make, flask, pandas, scikit-learn, matplotlib, WordPress	
INDUSTRY & RESEARCH EXPERIENCE	Research Assistant Lab of Dr. Lei Zhou, University of Florida <ul style="list-style-type: none">• Determined functionality of 8 significantly mutated genes in Small Cell Lung Cancer• Analyzed and visualized genomic data of 11 fly strains using Python and R• Created a Python package to parse and extract taxonomy data from hundreds of protein sequences in an object-oriented fashion	May 2016 – Present
	Teaching Assistant EML 6934 (Python Programming), University of Florida <ul style="list-style-type: none">• Assisted instructor in structuring a new course with 30+ graduate students• Covered python basics, numpy, pandas, matplotlib, scipy, scikit-learn	Sep 2017 – Dec 2017
	Research Intern U.S. Army Research Laboratory, Adelphi, MD <ul style="list-style-type: none">• Facilitated development of efficient wideband power amplifiers for on-field transmitters• Developed Python script to parse data files and perform complex calculations to determine circuit design efficiency• Nominated by branch chief as outstanding intern for ARL fellowship	Jun 2017 – Aug 2017
	Software Engineering/IT Intern Acceleration.net, Gainesville, FL <ul style="list-style-type: none">• Designed Flask web application for TFTP router backup process to facilitate management of 30+ offsite devices• Managed 10+ client websites using WordPress and Linux command line• Utilized Git and Trac to coordinate efforts with co-workers	Jul 2015 – Jan 2017
PROJECTS	p53-chip-seq-data – Machine learning and visualizations of lab-generated genomic data uniprot-taxonomy – Python library for extracting taxonomy information from UniProt database billboard-vis – Ranking visualization tool for Billboard Hot 100 charts ufsase.com – Society of Asian Scientists and Engineers, UF Chapter official website rc.ufsase.com – 2016 SASE Southeast Regional Conference official website gainesvillechineseschool.com – Gainesville Chinese School official website	
LEADERSHIP	Co-founder, Co-captain, Choreographer Vertax Diabolo Performance Group <ul style="list-style-type: none">• Performed at 20+ events with audiences numbering in the several hundreds• Awarded first place at 2018 VISA Talent Show• Head Chinese yo-yo instructor for Huagen Chinese School	Sep 2015 – Present
	Instructor, School Coordinator UF Teaching Youth Programming Essentials <ul style="list-style-type: none">• Coordinated weekly tutoring sessions amongst 5 tutors at Buchholz High School• Taught students programming fundamentals and basic JavaScript	Jan 2018 – Apr 2018
PUBLICATIONS	Varsha Sundaresan, Victor T. Lin , Faming Liang, Frederic J. Kaye, Reika Kawabata-Iwakawa, Kouya Shiraishi, Takashi Kohno, Jun Yokota, Lei Zhou. <i>Significantly Mutated Genes and Regulatory Pathways in SCLC – A Meta-analysis</i> . Cancer Genetics. 2017.	