

VICTOR LIN

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EDUCATION **Bachelor of Science, Computer Science** Aug 2015 – May 2019
Bachelor of Arts, Statistics
University of Florida, GPA 3.82/4.0

SKILLS *Languages:* Python, Bash, JavaScript, HTML, [S]CSS, Java, C/C++, SQL, VB.NET, R, LaTeX
Frameworks/tools: Git, make, pandas, scikit-learn, Flask, Matplotlib, AngularJS, MongoDB

INDUSTRY & RESEARCH EXPERIENCE **Research Assistant** May 2016 – Present
Lab of Dr. Lei Zhou, University of Florida

- Created a Python package to parse and extract taxonomy data from hundreds of protein sequences in an object-oriented fashion
- Determined functionality of 8 significantly mutated genes in Small Cell Lung Cancer
- Applied machine learning models and visualizations on thousands of genomic data entire

Teaching Assistant Sep 2017 – Dec 2017
EML 6934 (Python Programming), University of Florida

- Worked with instructor in structuring a new course with 30+ graduate students
- Covered Python basics, NumPy, pandas, Matplotlib, SciPy, scikit-learn

Research Intern Jun 2017 – Aug 2017
U.S. Army Research Laboratory, Adelphi, MD

- Developed Python script to parse data files and perform complex calculations to determine circuit design efficiency
- Facilitated development of efficient wideband power amplifiers for on-field transmitters
- Nominated by branch chief as outstanding intern for ARL fellowship

Software Engineering/IT Intern Jul 2015 – Jan 2017
Acceleration.net, Gainesville, FL

- 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

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, rc.ufsase.com – SASE UF Chapter and 2016 SASE SERC official website

AWARDS **1st Place**, SASEhack Kaizen CTF Oct 2018
Ranked 1st of 35 hackers in national Capture-the-Flag style information security competition

LEADERSHIP **Co-founder, Co-captain, Choreographer** Sep 2015 – Present
Vertax Diabolo Performance Group

- Performed at 20+ events with audiences numbering in the several hundreds
- Awarded 1st Place at 2018 VISA Talent Show
- Head Chinese yo-yo instructor of 15 students at Huagen Chinese School

Instructor, School Coordinator Jan 2018 – Apr 2018
UF Teaching Youth Programming Essentials

- Coordinated weekly tutoring sessions amongst 5 tutors at Buchholz High School
- Taught students programming fundamentals and basic JavaScript

PUBLICATIONS Varsha Sundaresan, **Victor T. Lin**, et al. *Significantly Mutated Genes and Regulatory Pathways in SCLC – A Meta-analysis*. Cancer Genetics. 2017.