

# VICTOR LIN

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**EDUCATION** **Bachelor of Science, Computer Science** Aug 2015 – May 2019  
**Bachelor of Arts, Statistics**  
University of Florida, GPA 3.8/4.0

**SKILLS** *Languages:* Python, R, Bash, JavaScript, HTML, CSS, Java, C, C++, Visual Basic  
*Frameworks/tools:* git, make, flask, pandas, scikit-learn, matplotlib, WordPress

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

- 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

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

- Assisted 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

- 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

**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** **billboard-vis** – Music chart data visualization tool  
**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** Sep 2015 – Present  
Vertax Diabolo Performance Group

- 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

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

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

**PUBLICATIONS** Varsha Sundaresan, **Victor T. Lin**, Faming Liang, Frederic J. Kaye, Reika Kawabata-Iwakawa, Kouya Shiraishi, Takashi Kohno, Jun Yokota, Lei Zhou. *Significantly Mutated Genes and Regulatory Pathways in SCLC – A Meta-analysis*. Cancer Genetics. 2017.