VICTOR LIN

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EDUCATION

B.S. Computer Science and B.A. Statistics　　　　Aug 2015 – May 2019 (expected)
University of Florida, GPA 3.82

SKILLS

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

EXPERIENCE

Research Assistant　　　　May 2016 – Present
Lab of Dr. Lei Zhou, University of Florida
- Produced a meta-analysis pipeline for paper on Small Cell Lung Cancer
- Analyzed/visualized lab-generated genomic data using Python and R
- Created a Python package to parse MAST files and extract taxonomy data from protein sequences

Teaching Assistant　　　　Sep 2017 – Dec 2017
EML 6934 (Python Programming), University of Florida
- Aided professor 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 scripts to assist development of efficient wideband power amplifiers for microwave/mm-wave transmitters
- Wrote scripts for Microwave Office and Advanced Design System using API in Visual Basic and AEL languages
- Wrote Python script to parse data files and perform complex calculations to determine circuit design efficiency

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
vivianalive.com – Travel blog for a friend

OTHER EXPERIENCE

Co-founder, Coordinator, 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

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.