Yunting Yin

+1(646)344-2497   yunyin@cs.stonybrook.edu   https://yinsight.github.io/

EDUCATION

Stony Brook University   **Stony Brook, NY**
Ph.D. in Computer Science   **GPA:** 3.80/4.0   August 2019 - Present
Research Interests: Natural Language Processing, Machine Learning
Coursework: Algorithms, Data Science, Discrete Math, HCI
Recipient of Chairman's Fellowship

Pace University   **New York, NY**
B.S. in Computer Science   **GPA:** 3.98/4.0   September 2016 - May 2019
Recipient of Scholastic Achievement Award and Summa Cum Laude Honors

TECHNICAL SKILLS

Programming Languages: Java, Python, C/C++, Matlab, R, JavaScript
Tools & Packages: Eclipse, Xcode, Git, Jupyter Notebook, Numpy, Tensorflow, etc.

EXPERIENCE

Teaching Assistant, Stony Brook University   August 2019 - Present
- CSE 307 Principles of Programming Languages (Fall 2019)

Math Tutor, Pace University Learning Center   September 2018 - May 2019
- Provide tutoring for math classes including Statistics and Calculus
- Attend class as teaching assistant and schedule reviews

Lab Support Volunteer, TEALSK12   June 2018 - June 2019
- Provide lab support for the "Introduction to CS" course at South Bronx Preparatory

PROJECTS

- **How much do people sleep:** Analyzed large-scale Twitter data to get insight into factors affecting how much sleep different populations receive, and how sleeping schedule affects mental health.
- **IEEE-CIS Fraud Detection:** Developed scripts for Logistic Regression, XGBoost classifier, and Random Forest Regressor on a large e-commerce dataset to predict fraud transactions.

PUBLICATIONS

Nanjie Deng, Junchao Xia, Lauren Wickstrom, Clement Lin, Kaibo Wang, Peng He, Yunting Yin, and Danzhou Yang. "Ligand Selectivity in the Recognition of Protoberberine Alkaloids by Hybrid-2 Human Telomeric G-Quadruplex: Binding Free Energy Calculation, Fluorescence Binding, and NMR Experiments", in Molecules 2019, 24(8), 1574.