Yunting Yin

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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.