Yunting Yin

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EDUCATION

Stony Brook University, Stony Brook, NY — Expected May 2024
Ph.D. in Computer Science — GPA: 3.80/4.0
Research Interests: Natural Language Processing, Machine Learning
Recipient of Chairman's Fellowship

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

TECHNICAL SKILLS

Languages : Python, Java, C/C++, Matlab, R, JavaScript
Tools & Packages : Eclipse, Xcode, Git, Numpy, Tensorflow, LaTeX

EXPERIENCE

Teaching Assistant, Stony Brook University — Aug 2019 - Present
- Teaching assistant for CSE 307 Principles of Programming Languages (Fall 2019)

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

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

Web Developer, Overseas Students Services Corp — Oct 2017 - May 2018
- Update current online applications
- Develop and implement usability testing process
- Work in team to create client-friendly web applications

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.

RELEVANT COURSES

• Analysis of Algorithms • Data Science Fundamentals • Discrete Mathematics
• Foundations of Human Computer Interaction • Machine Learning
• Logic in Computer Science • Theory of Database Systems • Visualization
• Operating System • Computer Networks • Introduction to Data Mining