tianqi luan

Portofolio: luan671.github.io
Atlanta, GA 30319
tluan1@student.gsu.edu
17029694795

Willing to relocate: Anywhere

Work Experience

Mathematics Tutor

Georgia State University - Atlanta, GA
August 2019 to Present

• Math tutor at Mathematical Assistance Complex (MAC) and Mathematics Interactive Learning Environment (MILE)
• Participated in both online and in person face-to-face tutoring
• Responsible for new tutor training every semester

Teaching Assistant, Chemistry

Western Washington University - Bellingham, WA
2017 to Present

Lab instructor for General Chemistry lab
• Lab assistant for Analytical Chemistry lab

Publication
Chen Shao, † Jia Liang, † Sihui He, Tianqi Luan, Jiantao Yu, Haoran Zhao, Jingyuan Xu, and Leilei Tian, pH-Responsive

Research Assistant, Chemistry

Western Washington University - Bellingham, WA
2017 to July 2019

• Individually carried out the Gold-nanorod Based Hg Ion Sensing Research project
• Honorable mention poster award 2018 Graduate Student Symposium
• Participated in the setting-up of current research lab and completing of lab policy
• Attended poster session at 2019 ACS Spring Meeting

Electric Motor Design Intern

Shenzhen Greatland Electrics Inc - Shenzhen, CN
2016 to 2016

• Summer internship at Design and Development department

Education

Master of Science in Computer Science
GSU - Atlanta, GA
January 2020 to Present

Master of Science in Statistics
Georgia State University - Atlanta, GA
August 2019 to Present

Master of Science in Chemistry
Western Washington University - Bellingham, WA
2017 to July 2019

Bachelor of Engineering in Material Science and Engineering
Southern University of Science and Technology - Shenzhen, CN
2013 to 2017

Skills

- MATLAB (2 years)
- HTML5 (3 years)
- php (2 years)
- JavaScript (2 years)
- CSS (3 years)
- React (1 year)
- Maven (1 year)
- GitHub
- Hadoop (Less than 1 year)
- Spark (Less than 1 year)
- Java
- Python
- AWS
- MySQL
- User Interface (UI)
- Agile
- Node.js
- Git (1 year)
- Linux (2 years)
- REST

Languages

- English - Expert
- Mandarin - Expert

Links

https://github.com/luan671

https://luan671.github.io/

https://www.linkedin.com/in/tianqi-luan-610a9b17a/

Publications

Plasmonic Detection of Mercury via Amalgamation on Gold Nanorods Coated with PEG-Thiol
https://pubs.acs.org/doi/abs/10.1021/acsanm.0c03134
January 2021

pH-Responsive Graphene Oxide–DNA Nanosystem for Live Cell Imaging and Detection
https://pubs.acs.org/doi/10.1021/acs.analchem.7b00369
April 2017