Yiju Li

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Education

- University of California, San Diego(California, USA)
  B.S. in Computer Engineering
  B.S. in Applied Mathematics
  Minors in Human Biology and Data Science
  2020 - 2023(Expected)

- Albany Academy(New York, USA)
  Cum Laude
  2017 - 2020

Experience

- Student Researcher @ Li Lab(Bioinformatics and Computational Genomics Center), Texas Tech University
  2023 Summer(Current)

- Visiting Student @ Li Lab(Bioinformatics and Computational Genomics Center), Florida Atlantic University
  2023 Spring, 12 weeks

- Computer Engineer Intern @ Vigitron, San Diego, California
  2023 Spring, 12 weeks

- Research Assistant Intern @ CPMG(Center for Precision Medicine and Genomics), Columbia University, New York
  2022 Winter, 12 weeks

- Data Analyst Intern @ Shengmu Life, Chengdu, China
  2022 Summer, 10 weeks

- Software Engineer Intern @ UBTech, Log Angeles, California
  2021 Summer, 8 weeks

- Quality Assurance (QA) Engineer Intern @ GloudGame, Beijing, China
  2020 Summer, 10 weeks

Area of Study

- Math Theories
  Real/Complex analysis; Differential geometry; Combinatorics.
- Math Applications
  Search algorithms; Reinforcement learning algorithms; Optimization/approximation algorithms, Randomization and probability.
- CS Related
  Neural network; Computer vision; Kernel programming; Computer graphics; Database; Web development; Desktop software.
- EE Related
  Digital electronics and circuits; HDL&Tools; Microcontroller/microelectronic system design; Computer(CPU) architecture.
- DS related
  Data cleaning; Data visualization; Statistical analysis(Big Data).
- Biology related
  Sequencing technologies; Gene Set Enrichment Analysis.