Haruki Gonai

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EDUCATION

Columbia University, School of Engineering and Applied Science   New York, NY
B.S. in Computer Science   Fall 2019 - Spring 2023

- Cumulative GPA: 4.21/4.00
- Honors: *summa cum laude* (top 5% of graduating class), Tau Beta Pi, Max Yablick Memorial Scholarship, Andrew P. Kosoresow Memorial Award for Excellence in Teaching and Service

TEACHING EXPERIENCE

Self-Employed   Westchester County, NY
Private Tutor   2016 - Present

- Privately tutored SAT/ACT Math and high school, AP, and college subjects in Westchester, NY.
- Strong commitment to student success, recognized for being responsive, patient, and accommodating in providing personalized learning support.
- **Subjects Tutored**: SAT/ACT Math Section, AP Physics I, Regents Chemistry, Algebra II, Differential Equations, Linear Algebra, SAT II Chemistry, SAT II Math II

Columbia University Computer Science Department   New York, NY
Teaching Assistant (TA)   2021 - 2023

- Award-winning TA for 4 graduate and undergraduate computer science courses at Columbia University.
- Conducted weekly office hours to facilitate students' comprehension of course material and proficiently resolve homework challenges.
- Maintained punctuality and reliability by consistently grading assignments, addressing student questions promptly, and attending team meetings on schedule.
- **Graduate Level Courses**

  COMS W4118: Operating Systems I (Fall 2022)   Mean: 4.83/5.00, Median: 5.00/5.00
  COMS W4701: Artificial Intelligence (Spring 2023)   Mean: 4.44/5.00, Median: 5.00/5.00
- **Undergraduate Level Courses**

  COMS W3251: Computational Linear Algebra (Spring 2023)   Mean: 4.53/5.00, Median: 5.00/5.00
  COMS W3203: Discrete Mathematics (Fall 2022)   Mean: 4.41/5.00, Median: 5.00/5.00
  COMS W3251: Computational Linear Algebra (Spring 2022)   Mean: 4.84/5.00, Median: 5.00/5.00
  COMS W3251: Computational Linear Algebra (Fall 2021)   Mean: 4.71/5.00, Median: 5.00/5.00

QUALIFICATIONS

Test Scores

- ACT Math Section: 36 | AP Physics I: 5 | AP Calculus BC: 5 | AP Physics C: Mechanics: 5 |
  AP Physics C: E&M: 5 | AP Macroeconomics: 5 | AP Microeconomics: 5
- Regents Chemistry: 100 | Regents Geometry: 100 | Regents Living Environment: 98 | Regents Earth Science: 99 | Regents Algebra I: 97

Other

- **Professional Experience:** Software Development Engineer Intern at Amazon
- **Research:** Tumor Targeting by $\alpha_v\beta_3$-Integrin Specific Lipid Nanoparticles Occurs *via* Phagocyte Hitch-hiking.