

# John Ta

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## EDUCATION

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**University of Pennsylvania | Vagelos Program in the Molecular Life Sciences** **Philadelphia, PA**  
*Candidate for Master of Science in Chemistry* *May 2022*  
*Candidate for Bachelor of Arts | Majors: Physics (business & tech concentration), Biochemistry, Biophysics* *May 2022*

- **Courses:** Micro/macroeconomics I; Epidemics: Managing Global Business & Financial Uncertainty
- **Test Scores:** ACT 35/36 • SAT Math II 800/800 • SAT Chemistry 800/800 • SAT Physics 790/800

## EXPERIENCE

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**Loft Brazil** **Remote**  
*Incoming Investor Relations Fall Intern* *Starting Aug 2020*

**The Finance Twins LLC** **Remote**  
*Business Development Intern* *May 2020 – Present*

- Create original personal finance material about banking, credit cards, financial aid, and loans
- Lead data analytics KPI dashboard to optimize user experience and SEO performance
- Drive pageviews, pages per session, and average session duration increases by 13%, 6%, and 19%, respectively

**University of Pennsylvania** **Philadelphia, PA**  
*Teaching Assistant For MATH-241 (Partial Differential Equations)* *Aug 2019 – May 2020*

- Developed innovative teaching material by creating novel YouTube channel with 1.4k+ views, running collaborative forum answering 1k+ questions, and making teaching website for 200+ students with 5k+ views
  - Spring 2020 (Rating: 3.72/4.00) – successfully transitioned to online format in midst of coronavirus
  - Fall 2019 (Rating: 3.80/4.00) – youngest and highest ever rated course TA; 1 of 9 (out of 69) math TAs awarded math department Good Teaching Award for excellence and teaching ability
- Writing book with Dr. Eduardo Garcia-Juarez with 100 different partial diff. equation problems for publication

**Perelman School of Medicine** **Philadelphia, PA**  
*Research Assistant For Dr. Edward Morrisey* *Aug 2018 – Jan 2020*

- Analyzed effects of lung cell Tgfb $\beta$ r knockouts in developing and adult mice
- Spearheaded yearlong plan to conduct experiments, manage mouse colonies, raise organoids, and culture cells
- Presented work to senior researchers showing significant differences between knockouts and controls ( $p = 0.01$ )

## LEADERSHIP & ACTIVITIES

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**Penn Common Cents** **Philadelphia, PA**  
*Founding President* *Jul 2019 – Present*

- Found Penn's first undergrad personal finance club, garner 500+ members, lead team of 8, and raise \$2.5k+
- Hold 6 events with speakers, credit card basics, retirement, and meal-prepping on a budget
- Build partnerships with Wharton MBA Common Cents, NFL player Brandon Copeland, Penn Registration & Financial Services, Vanguard, Charles Schwab, Public, and Earnest to run personal finance events
- Construct NYU Stern and Princeton vertical and establish volunteering committees to teach high schoolers

**Penn EduCare** **Philadelphia, PA**  
*Founding Finance Lead* *May 2019 – Present*

- Launch and grow nonprofit to 22 student team to make healthcare material for COVID-19, diabetes, and surgeries
- Establish clients, partners, and sponsors with 7 national clinics and 3 physicians, raising \$500 in LTM

**University of Pennsylvania** **Philadelphia, PA**  
*Head Learning Assistant For CHEM-241 (Organic Chemistry I)* *Jan 2020 – May 2020*

- Created new teaching roles in 3 courses to fix problems of managing and answering questions for 120+ students
- Implemented cutting-edge technologies and led team of 3 to organize 1.5k+ questions and 4k+ follow-ups

## ADDITIONAL INFORMATION

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**Technical:** Fluent in Python; proficient in HTML, CSS, and Microsoft Office Suite; familiar with Java

**Awards:** Goldman Sachs Summer Insight Series; Discover<sup>®</sup> Sophomore Accelerator Program (1 of 25 selected out of 1k+ applicants); MA State Science Fair (Fish & Richardson Patent Award/ \$12.5k); WPI Sustainability Fair (1<sup>st</sup> overall/\$1k)

**Languages:** Limited Working Vietnamese; Elementary Spanish

**Interests:** Powerlifting (B: 235lb @ bw 150lb); Soccer (LW); Football (Patriots); Smash Ultimate (PT); Game of Thrones