

# NICOLE F. KONFORTI

271 West 122<sup>nd</sup> Street Unit A 10027 • 646.416.3034 • [nicole.konforti@columbia.edu](mailto:nicole.konforti@columbia.edu)

## EDUCATION

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- Columbia University in the City of New York, Columbia College** **Sept 2016 – May 2020**  
Major: Computer Science; Minor: Economics  
Overall GPA: 3.92 / 4.00 (Dean's List all semesters)  
Relevant courses: Data Structures in Java, Discrete Mathematics, Linear Algebra, Advanced Programming, CS Theory
- The High School for Math, Science, and Engineering at the City College of New York** **Sept 2012 – May 2016**  
Overall GPA: 99.13 / 100.00

## WORK & VOLUNTEER EXPERIENCE

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- Teaching Assistant - Girls Who Code**, New York, NY **Dec 2017 – Present**  
*Bank of America, Summer Immersion Program*
  - Assist 10 week summer immersion program, teaching introductory skills in Python, Scratch, HTML, Java Script languages
- Teaching Assistant - Columbia University**, New York, NY **Dec 2017 – Present**  
*Department of Computer Science, Data Structures*
  - Assist Data Structures course to over 500 students in Java, organize lessons, hold office hours and recitations
- Researcher - Columbia University**, New York, NY **Dec 2016 – Present**  
*Department of Physics, Laboratory of Astrophysics*
  - Study gravitational wave detection in order to make recognition of black holes more accurate and sensitive (LIGO, VIRGO, GEO)
- Researcher - Columbia University**, New York, NY **May 2017 – Present**  
*Department of Pediatrics and Pathology & Cell Biology*
  - Study the pathology of childhood tumors for the direct benefit of children, as well as breast cancer patients
- Paid intern - Morgan Stanley**, New York, NY **March 2015 – April 2015**  
*Sales and Trading*
  - Participated in a week-long networking event, where I shadowed a currency trader and sat in on several meetings with clientele
- Researcher - The Rockefeller University**, New York, NY **May 2015 – Sept 2015**  
*Laboratory of Neurogenetics & Behavior*
  - Studied salt preferences of mosquitos to understand their attraction to blood in order to prevent disease such as Malaria
- Volunteer - Mount Sinai Hospital**, New York, NY **Sept 2015 – July 2016**  
*Departments of Cardiothoracic Surgery & Psychiatry*
  - Shadowed patient consults, scrubbed into surgeries to observe; consulted with patients in the geriatric and adult psychiatric wards

## LEADERSHIP & HONORS

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- Fundraising Chair - Sigma Delta Tau (Gamma Tau Chapter)**, New York, NY **Dec 2018 – Present**
  - Organized and fundraised over \$30,000/year to donate for Prevent Child Abuse America
- President - Junior State of America (Debate Team)**, New York, NY **Sept 2013 – July 2016**
  - Organized and fundraised over \$10,000/year for state and national debate competitions in Boston, MA and Washington, DC
- President - National Honors Society**, New York, NY **Sept 2013 – Present**
  - Organized student events such as the Breast Cancer Awareness Walk, weekly tutor for students in Spanish, Math, and Biology

## EXTRACURRICULAR ACTIVITIES

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- Teacher - Girls Who Code**, New York, NY **Sept 2017 – Present**  
*Columbia University Chapter*
  - Teach over 50 underprivileged students introductory coding, as well as organize events to cultivate a professional community
- Student Alumni Mentor - Department of Education**, New York, NY **Sept 2016 – Present**  
*Project Rousseau, Alumni Mentoring Program*
  - Mentor middle schoolers in NYC public schools, help encourage them to apply to the specialized high school system
- Orientation Leader - Columbia University**, New York, NY **Mar 2017 – Present**  
*New Student Orientation Program*
  - Organizes and leads events for over 1,200 first-year students to help them integrate into the college community

## SKILLS & INTERESTS

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**Skills:** Public speaking, Autodesk Inventor and Revit, programming in Java, R and MATLAB, Spanish (Intermediate/Advanced)  
**Interests:** Piano (focus on classical and jazz, 12 years), art, debate, yoga, photography, soccer, ballet, swimming/diving