

NICOLE F. KONFORTI

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EDUCATION

Columbia University in the City of New York, Columbia College

Sept 2016 – May 2020

Major: Computer Science | Overall GPA: 3.77 / 4.00 (Dean's list)

Relevant courses: Advanced Programming in C/C++, CS Theory, Computer Networks, Programming Languages & Translators

WORK & VOLUNTEER EXPERIENCE

Software Engineer – Google, New York, NY

July 2020 – Present

Google, Software Engineering Residency Program

- Consists of a 2 month ramp up program, followed by a rotational program on two different teams, each for 5 months

Software Engineer – AppNexus, New York, NY

June 2019 – August 2019

AppNexus, Paid Internship Summer Program

- Built additional functionality of the client-facing portal that tracks and sorts users by their actions on a website in GO

Teaching Assistant – Girls Who Code, New York, NY

June 2018 – August 2018

Bank of America, Summer Immersion Program

- Assist 10 week summer immersion program, teaching introductory skills in Python, Scratch, HTML, JavaScript, Arduino C

Teaching Assistant – Columbia University, New York, NY

Dec 2017 – Present

Department of Computer Science, Data Structures, Introduction to Computer Science in Java

- Assist Data Structures course to over 500 students in Java, organize lessons, hold office hours and recitations
- Co-head TA for Introductory CS course, writing grading scripts, holding review sessions, grading/proctoring exams

Researcher – Columbia University, New York, NY

Dec 2016 – May 2019

Department of Physics, Laboratory of Astrophysics

- Study gravitational wave detection in order to make recognition of black holes more accurate and sensitive (LIGO, VIRGO)

Researcher – Columbia University, New York, NY

May 2017 – Dec 2017

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 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 psychiatric wards

LEADERSHIP & HONORS

Fundraising & Alumni 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

EXTRACURRICULAR ACTIVITIES

Teacher – Girls Who Code, New York, NY

Sept 2017 – May 2020

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 – May 2020

Project Rousseau, Alumni Mentoring Program

- Mentoring middle schoolers in NYC public schools, help encourage them to apply to the specialized high school system

Orientation Leader – Columbia University, New York, NY

March 2017 – May 2019

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

Skills: Spanish (Intermediate), programming in Java, Go, Python, C, C++, SQL/NoSQL (Cassandra), HTML/CSS, R and MATLAB

Interests: Piano (focus on classical and jazz, 12 years), art (fine arts training for 10 years), photography, soccer, ballet, swimming