Annie Q. Sui

(732) 668-7774 · aqs2104@columbia.edu

Education

Columbia University in the City of New York May 2022

B.A. in Computer Science — Overall GPA: 4.04/4.0

Relevant Coursework: Advanced Programming, Data Structures in Java, Introduction to Computer Science and Programming in Java, Discrete Math, Linear Algebra, Calculus III

Honors: 2019 DevFest Hackathon First Place Team Award ($1500), Dean's List ('18-'19)

Hunter College High School (HCHS) — May 2018

Honors: PSAL Wingate Award, Elsbeth Kroeber Award for Biology, Award for Excellence in Spanish Literature

Research and Work Experience

Undergraduate Research Assistant — May 2019 - present

with Prof. Lydia Chilton, Columbia University HCI Lab, New York, NY

- Animated 50+ creative ads using Adobe Animate to enhance the messages they convey
- Analyzed the animation process to identify the necessary microtasks for building an automated animation tool
- Created a dynamic web guide to develop a versatile workflow for animating ads using HTML/CSS/JavaScript

Automated Instruction Research Assistant — Jan. 2019 - May 2019

with Prof. Smaranda Muresan, Columbia University Data Science Institute, New York, NY

- Graded 200+ argumentative essays to enhance the reliability of a rubric that will be used for automated scoring

Participant of Simons Summer Research Program — June 2017 - Aug. 2017

with Prof. James Bliska, Stony Brook University, Stony Brook, NY

- Selected among top STEM applicants across the U.S. to undertake a research project with a $1,000 stipend (maximum 2 student nominations per school with an 8% overall program acceptance rate)
- Constructed mCherry-expressing bacterial strains to visualize host-pathogen interactions during infection
- Presented to professors at the Simons Poster Symposium in the Center for Leadership and Service

Leadership and Extracurricular Experience

Publicity Chair of Columbia Womxn in Computer Science (WiCS) — Jan. 2019 - present

- Write and deliver weekly newsletters, fix website bugs, and publicize tech opportunities to students on social media
- Interviewed prospective board members and evaluated 60+ applications for the WiCS Grace Hopper Scholarship

Teaching Assistant and Participant of DevFest Hackathon — Jan. 2019

- Designed the UI for SpineAlign, a team-built iOS app that detects scoliosis using XCode and Swift
- Mentored hackathon participants in web development and beginner track workshops

Participant of Jumpstarting Aspiring Developers and Entrepreneurs (JADE) — Jan. 2019

- Selected as one of the 20 first-year participants to participate in a 7-day tech immersion program

Co-President of Columbia Classical Performers (CCP) — Sept. 2018 - present

- Recruit musicians, organize monthly performances, and run biweekly meetings for executive board members
- Cultivate partnership with Lincoln Center's Chamber Music Society to obtain discounted tickets for students

Co-Executive Producer of Intercollegiate Chamber Music Festival (ICMF) — Sept. 2018 - present

- Unify collegiate musicians by organizing performances, masterclasses, and talks from renowned instrumentalists
- Evaluated ICMF applications, fixed website bugs, and increased ticket revenues by 40.2% within 1 year

HCHS Fencing Team Captain — Feb. 2013 - May 2018

- Led Girls' Varsity Fencing team to PSAL Fencing Championships ('17-'18)
- Won sixth consecutive PSAL Girls' Team Foil Championship ('16-'17)

Skills and Interests

Languages	English (native speaker), Mandarin (fluent), Spanish (proficient)
Programming & Tech	Java, HTML/CSS/JavaScript, git, Adobe Animate, Adobe Photoshop, XCode, Sketch
Hobbies	Playing the violin, watching TV shows, running, traveling, reading