

Jillian Ross

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EDUCATION

Columbia University, Fu School of Engineering

Bachelor of Science, Computer Science; Concentration: Applied Mathematics, Philosophy
CP Davis Scholar

New York, NY

Expected May 2021

EXTRACURRICULAR EXPERIENCE

Columbia Organization of Rising Entrepreneurs, *Columbia University*

September 2017-Present

Operating Committee Leader

- Women@CORE: create panels, visit female-lead start-ups, and lead the Female Leadership Data Project
- Enterprises: learn the fundamentals of starting a company and investigate possible start-up ideas
- Columbia Venture Competition: organize event that awards \$50k to promising start-ups run by Columbia entrepreneurs
- Internal Founders Community: leader of group of start-up founders within CORE

Veritas Hour, *Columbia University*

September 2017-Present

- Engage in weekly philosophical discussions on the purpose and meaning of life, world views, and perspective

Association for Women in Mathematics, *Columbia University*

October 2017-Present

- Outreach Committee: develop connections with professors, alumni, and students, as well as plan incoming events

Student Government, *Ranney School*

June 2015-May 2017

President of Student Council

- Organized student life events, such as the Distinguished Speaker Series, pep rallies, and Diversity Day
- Consulted on school policy and administrative decisions
- Honed public speaking skills through talks at school events and leading weekly all-school gatherings

VEX Robotics, *Ranney School*

September 2014-May 2017

Team Leader and Lead Programmer

- Programmed 5 robots (autonomous and driving code) using RobotC
- Led team to win Tournament Champions (3x) and Build Award (1x), attended TSA Nationals

RESEARCH AND WORK EXPERIENCE

Power of Studying with Groups, Technology, and Social Media: The Study Collective

July 2016-Present

- Published 60+ page research paper on the history and relationship of social media and education
- Self-studied fundamentals of CSS, HTML, Python, Java, PHP, and local server management, built prototype of website (www.studycollective.org)
- Currently learning the complexities of web design and development, investigating possibility of start-up

Designing a Soft Robotic Hand to Perform Various Tasks

June-July 2017

New Jersey Governor's School of Engineering and Technology, Rutgers University

- Worked in Dr. Aaron Mazzeo's mechanical engineering research laboratory
- Used pneumatics, silicone, Arduino, and 3D printed silicone molds to create hand
- Presented findings at 2017 GSET Research Symposium

ACCOLADES

Valedictorian, Faculty Award, Science Award, *Ranney School*

May 2017

National AP Scholar, *College Board*

July 2017

NJ Governor's School of Engineering and Technology Scholar, *Busch Campus, Rutgers University*

July 2017

SKILLS AND INTERESTS

- Skills: VEX Robotics, RobotC, Final Cut Pro, iMovie, HTML (basic), CSS (basic), Java (basic), French (intermediate), Microsoft Office suite, Google Drive suite, social media management
- Interests: artificial intelligence, entrepreneurship, coding, cooking, tutoring, running, tennis