Christina Wright

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EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science

Major: Mechanical Engineering   *Expected Graduation: May 2023*
GPA: 3.5

EXPERIENCE

Genius Gems
Associate   *2020-Present*
- Maintaining and operating a 3D printer farm and laser cutter, designing and manufacturing items using CAD, creating a curriculum and conducting classes about CAD for children

Baupost Group
Application Development Team- Information Technology Intern   *Summer 2021*
- Wrote SQL stored procedures to navigate investment data
- Participated in web development process using a modified Agile methodology

Tutor
Private Tutor   *2018-2020*
- Hired for one on one tutoring the subjects of 3D printing, precalculus and honors physics

NJIT Biomedical Engineering Department
Summer Intern   *Summer 2018*
- Assisted a PhD student to configure a bio-3D printer and author protocols for use in experimentation

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Columbia University Fencing
Team Armorer   *Fall 2021-Present*
- Assists fencing team with maintenance and repair of fencing equipment

Gosh Yarn It: Knitting Club
Pattern Consultant   *2020-Present*
- Assists members with pattern interpretation and designing project, hosts workshops for club members, will participate in community and charity events

First Tech Challenge, Robotics
Team Member   *2017-2019*
- Member of the team, designed and 3D printed custom pieces for the robot

Varsity Fencing
Team Member   *2015-2019*
- Member of Epee and Saber Varsity Team and score recorder

Jack and Jill of America
Chapter Member   *2006-2019*
Recording Secretary and Vice President
- Taking minutes for monthly meetings and distribution to the members, coordination of events, working with the president to run meetings
Chaplin and Legislative Chair
- Group outreach and discussion

Girl Scouts

Troop Member   *2006-2019*

- Graduated to Ambassador, participating in community service projects; panel discussions of social, historical and economic issues

SKILLS

- **3D Printing and Modeling** : Proficient in Solidworks, Fusion 360, AutoCad, Cura, Illustrator and Slic3r
- **Data Engineering** : Proficent in SQL
- **Web and Application Development** : Experienced in Java, Python, HTML, Javascript and CSS

PROJECTS

- Currently provisional patent pending for a 3D printed chemistry educational device