

# Alexandra Miller

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## Appalachian State University

Expected May 2022

Bachelor of Science in Computer Science with a second major in Mathematics

- Relevant Coursework: Calculus with Analytic Geometry I, Computer Science I, Discrete Mathematics, Computer Science Principles, Introduction to Statistics, Introduction to Computers

## SKILLS/HONORS/AWARDS

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**Technical Skills:** JavaScript, Java, HTML, CSS

**Honors/Awards:** NCWIT Aspirations (2018), Computer Science Excellence (2018), National Honor Society (2017), National Technical Honors Society (2017)

## WORK/ACTIVITIES

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### Girls Who Code

Lincolnton, N.C.

*Founder, Facilitator, Teaching Assistant*

September 2017 – June 2018

- Founded the first Girls Who Code club (also the first women in STEM club at this school)
- Prepared club meetings and taught JavaScript to 10 students
- Assisted a middle school in creating their own Girls Who Code club by mentoring 8 girls to develop programs and encourage new ideas
- Obtained and managed funding to improve the members' experiences
- Fostered an environment that served to establish sisterhood amongst students

### Hour of Code

Lincolnton, N.C.

*Teacher*

September 2017 – June 2018

- Volunteered at local schools to host computer labs that allowed students to complete challenges
- Taught computer science fundamentals to students by relating real world events
- Aided students between the ages 4 – 16 by working alongside them through coding problems

### Lawrence Model Congress

Cedarhurst, N.Y.

*Finance Chair*

September 2015 – June 2016

- Oversaw the spending of over \$10,000 for a plethora of resources
- Planned a two-day event for over 400 people
- Coordinated with multiple companies and school officers

### Lawrence High School Math Department

Cedarhurst, N.Y.

*Teaching Assistant, Tutor*

September 2014 – June 2016

- Advised 30 students on study habits and coached them in solving their assignments
- Instructed students during both class time and personal hours

### Student Government Freshman Class

Cedarhurst, N.Y.

*Treasurer*

September 2014 – June 2015

- Communicated with other officers to organize school-wide events
- Created a budget to manage class funds and receive the most for our money
- Hosted various fundraisers that raised over \$500