

# Alexa Muratyan

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## Education

### Fordham University

**Bronx, New York**

Bachelor of Science in Computer Science

Expected May 2021

**Coursework:** Java Programming, Data Structures, Discrete Structures, Data Communications & Networks, Computer Graphics Design, Multivariable Calculus, Physics

**Clubs:** Girls Who Code, Computer Science Society, CSS Research

## Work & Experience

### theCoderSchool, Computer Training School

**Syosset, New York**

*Code Coach*

September 2019–Present

- Responsible for teaching students (ages 6 – 18 years old) how to code using a project emersion methodology
- Proficient in teaching the following programming languages: Python, Java, Scratch, HTML and using standard platform Repl.it and Trinket
- Conducted trials for potential students which resulted in 100% conversions

### Town of Oyster Bay, Public Safety Department

**Syosset, New York**

*Cybersecurity Intern*

June 2019–August 2019

- Repaired and monitored 300+ cameras and programmable logic controls
- Conducted security audits to identify weaknesses in the system and recommended improvements
- Constructed spreadsheets for the departments' supply and purchases

### AGBU, Armenian Non-Profit Organization

**New York, New York**

*Data Analyst*

January 2019–May 2019

- Digitized 700+ scholarship files (about 20,000 bits of information) from 1958-2010 in English and Armenian
- Conducted preliminary statistical analysis on Excel
- Created an analysis report of demographic and financial information
- Corrected any data entry error to prevent later issues such as duplication or data degradation

### National Instruments, Software & Engineering Firm

**Yerevan, Armenia**

*Computer Engineering Intern*

June 2018–August 2018

- Received training and certification from NI (courses 1 & 2) to learn how to graphically code on LabVIEW
- Worked closely with computer engineers to resolve problems in coding projects and improve operations
- Coded a four-function calculator on LabVIEW

## Leadership

### WECode 2020, Women's Engineer Code Conference

October 2019–Present

*Student Ambassador*

- Recruit peers to attend WECode, the largest student-run conference for women in computer science in the country, which takes place at Harvard University
- Participate in workshops, chat among top tech companies and hear empowering keynotes at the conference

### Bumble, Social Media Application

January 2019–Present

*Fordham University Campus Director*

- Promote the use of the app and spreading Bumble's mission on campus
- Host events to increase brand awareness at the University
- Communicate with college students about offerings

## Skills & Programming Languages

C++, Java, Python, HTML, Scratch, LabVIEW, Microsoft Office