

# Alejandra Trejo

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## EDUCATION

### NEW YORK UNIVERSITY ABU DHABI

BS IN COMPUTER SCIENCE  
AND INTERACTIVE MEDIA  
GPA: 3.6/4.0

Graduating **December 2019**  
Semester abroad in Shanghai

## SKILLS

### PROGRAMMING

**Proficient:** Python • JavaScript

**Knowledgeable:** C++

### LIBRARIES AND TOOLS

Git • Unity • Arduino • Processing • p5.js  
Node.js • D3

## AWARDS

- 2018 Facebook GHC Scholar
- 2018 Tapia Conference Scholar
- 2017 Grace Hopper Conference Scholar
- 2016 Silver Medalist at the International Genetically Engineered Machine (iGEM) competition
- 2013 Represented Mexico at the International Biology Olympiad
- 2013 Gold Medalist at Mexico's National Biology Olympiad

## LANGUAGES

**Fluent:** Spanish • English

**Intermediate:** French

**Basic:** Chinese • German

## EXPERIENCE

### GITHUB | SOFTWARE ENGINEERING INTERN

June 2019 – Present | San Francisco, CA

- Leading internationalization and localization efforts of GitHub Learning Lab. This will allow GitHub users and customers who aren't fluent in English to take courses created by the GitHub Training Team in their native languages.
- Working with React, Nunjucks, Node.js, Jest, Sequelize and PostgreSQL.

### LYFT | SOFTWARE ENGINEERING INTERN

September 2018 – December 2018 | Palo Alto, CA

- Implemented a data ingestion pipeline in Python as part of the back-end of an ML annotation system used to create annotation tasks and retrieve their results.
- Worked with the Scenarios team in Lyft's Level 5 Engineering Center focused on autonomous vehicles.

### TWITTER | SOFTWARE ENGINEERING INTERN

May 2018 – August 2018 | San Francisco, CA

- Optimized an IP Address Management Tool's web UI for the Infrastructure Management Services team by migrating routing and template rendering from the server to the client using vanilla JavaScript, Mustache and JQuery.
- Improved performance resulted in a reduction of API calls to the server by half and removal of middleware.

### GUGGENHEIM MUSEUM | DIGITAL ART CONSERVATION INTERN

Sep 2017 – Apr 2018 | New York, NY

- Built a JavaScript prototype using the SVG DOM API of a web-based artwork originally implemented as a Java Applet and no longer supported by modern browsers.
- Analyzed legacy code found in the artwork and proposed different solutions such as emulation and code migration for restoration purposes.

### PROCESSING FOUNDATION | OPEN SOURCE CONTRIBUTOR

May 2017 – July 2017 | Online

- Fixed a bug in the English and Spanish versions of the p5.js website that caused a section of the libraries documentation page to not display correctly.
- Translated sections of the p5.js website into Spanish assisting in the rebuilding of the p5.js website.

## LEADERSHIP

### PRESIDENT | HACKAD

Jan 2019 – Present

- First female president of HackAD, the largest club on campus for students interested in tech.
- Spearhead the planning of workshops and panels focused on giving students the necessary skills to succeed in the tech industry.

### BOARD MEMBER | WOMEN EMPOWERED IN STEM (weSTEM)

Sep 2015 – May 2018

- Founding member of weSTEM Shanghai, the first student group at NYU Shanghai dedicated to supporting female students in STEM majors.
- Assisted with the organization of an annual conference for high school girls in Abu Dhabi to encourage them to pursue a career in STEM.