

# Alejandrina Patrón López

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## EDUCATION

**Georgia Institute Of Technology** Atlanta, GA

August 2014 - May 2018

*B.S. in Computer Science*

GPA: 3.91/4.0

- Concentrations: Media & People
- Georgia Tech Computer Science Study Abroad in Barcelona, Spain (Summer 2015)
- Graduated with Highest Honor

## WORK EXPERIENCE

**Google** New York, NY

August 2018 - Present

*Software Engineer*

- Work on offline functionality and stability for Google Docs, Sheets, and Slides

**Google** Mountain View, CA

May 2017 - August 2017

*iOS Engineering Intern*

- Worked on search and sharing features for the Google Photos iOS app
- Implemented multi-threaded functions for on-device face detection on videos
- Conducted A/B testing and analyzed results to measure efficacy of new features
- Collaborated with iOS, Backend, Product, Design, and QA teams to build, test, and launch new features

**Georgia Tech College Of Computing** Atlanta, GA

January 2017 - December 2017

*Computer Science Tutor*

- Led one-on-one tutoring sessions for Georgia Tech students in CS 1301: Introduction to Computing, CS 1331: Introduction to Object-Oriented Programming, and CS 1332: Data Structures and Algorithms

**Qualcomm** San Diego, CA

May 2016 - August 2016

*Software Engineering Intern*

- Worked with the target software team to develop tools used in product integration and validation
- Built four Android applications used for automated testing to increase product validation productivity

## PROJECTS

Left, iOS App (<http://bit.do/Left>)

- Developed an iOS Application that lets users search for recipes per ingredients they input
- Received over 2.6k App Store downloads

World Happiness Visualization ([apatronl.github.io/WorldHappiness](http://apatronl.github.io/WorldHappiness))

- Built a data visualization of Gallup World Poll data on world happiness
- Designed and developed the visualizations and interactions using JavaScript, SVG, and D3

## SKILLS

- **Programming Languages:** Java, Swift, Objective-C, Python, C, JavaScript
- **Tools/Technologies:** Xcode, Android Studio, Firebase, Git, D3
- **Spoken Languages:** Spanish - native, English - fluent

## ACTIVITIES/LEADERSHIP

**Georgia Tech iOS Club**

August 2016 - May 2018

*Senior Tech Lead*

- Created content and tutorials utilized to teach iOS app development in Swift

**Google**

March 2016 - August 2016

*CodeU Participant*

- Worked on a series of technical challenges focused on data structures and algorithms