

# Sara Norris

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## Education

**BACHELOR OF SCIENCE | MAY 2018 | GEORGIA INSTITUTE OF TECHNOLOGY**

**GPA: 3.78**

- Major: Computer Science
- Threads: Artificial Intelligence, People
- Minor: Business and Computing
- Zell Miller Scholarship, Northrop Grumman Computer Science Scholarship
- Barcelona Summer Study Abroad Program

**Major GPA: 4.00**

## Skills & Abilities

**Technical:** Java, Python, C, HTML, CSS, JavaScript, JavaFX, Scala, Assembly, Linux, MySQL, MongoDB  
**IDE:** Eclipse, IntelliJ, WebStorm, Sublime, Android Studio  
**Languages:** Japanese – fluent, English – native  
**Concepts:** Object-Oriented Programming, Data Structures and Algorithms, Unit Testing, Agile Methodologies, Artificial Intelligence, Computer Organization and Programming, Analysis of Algorithms

## Experience

**WEB DEVELOPMENT INTERN | CNN | JANUARY 2016 – MAY 2016**

- Added dynamically updating filters, buttons, and categories using JavaScript, CSS, and HTML and modified existing filters. Allowed for CNN News Producers to be able to quickly update Election candidate information on CNN News immediately as the information comes in, saving 14 – 18 days of testing and production time.
- Created a new page on the web application which collected data from various pages on the application about user activity and video transfers. Retrieved data from Mongo database and displayed on front end using Google Graph API and JavaScript. Resulted in 4,000 CNN employees globally to have access to statistics in an easily understandable format.
- Unofficial Scrum Master on team during final project. Created tasks and ensured team burned hours by the end of the week.

## PERSONAL PROJECTS

### ***FLY ANYWHERE***

Web Application

- Flask-based web application that uses Expedia API to find the cheapest combination of flights, dates, and locations for spontaneous travelers. Allows for users to select their departure airport and look through numerous options of destinations at low prices. Developed with Python, JavaScript, CSS, and HTML.

### ***PLUS ONE***

Android Application

- Social networking application through which users could find other users with similar interests. Application features include: messaging, event planning (using Google Maps API), event listings, and user profile. Developed with Java, XML, and Firebase.

## Leadership

### ***Undergraduate Research Assistant***

*August 2015 – December 2015*

SCHOOL OF INTERACTIVE COMPUTING

Atlanta, Georgia

Web scraped data from Facebook and stored into MySQL database. This data was able to be exported in a format that could be easily submitted into a qualitative data analysis tool (Dedoose). Saved the researcher 6 – 12 hours of manual entry.

### ***Webmaster / Executive Board***

*December 2014 – January 2016*

HABITAT FOR HUMANITY AT GEORGIA TECH

Atlanta, Georgia

Redeveloped the Habitat for Humanity website using HTML/CSS. Changed the photo stream to automatically update photos every few seconds, added a Google calendar, and more detailed contact information for the Executive Board.

### ***Affiliation and Volunteer***

Atlanta Humane Society, Atlanta Mission, Alpha Chi Omega, Best Buddies Program, Mentor Jackets