

# ANUNOY SIDDARTH DUSSA

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## Education

### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Science, Computer Science*

*August 2016 – May 2020*

- Cumulative GPA: 3.94 / 4.0; Major GPA: 3.81 / 4.0
- Threads: Information Networks and Intelligence
- Awards: Dean's List (Fall 2017); Faculty Honors (Spring 2018)

## Projects

### Android Application – ShelterMap ([github.com/adussa3/ShelterMap](https://github.com/adussa3/ShelterMap))

*January – May 2018*

- Worked on a team and developed an Android app to help the homeless find shelters with vacant rooms
- Coded the login activity screen and implemented the 'forgot password' and 'locked-out' features
- Designed the Domain Model, Robustness Diagram, UML Class Diagram, and UML Sequence Diagram

### Chess Database GUI ([github.com/adussa3/Chess-Database-GUI](https://github.com/adussa3/Chess-Database-GUI))

*December 2017*

- Constructed a Chess GUI with JavaFX that displayed the metadata of chess openings
- Retrieved the information from a chess database and incorporated into the design

### Technology Student Association Webmaster

*August 2015 – July 2016*

- Coded from scratch with HTML5, CSS3, Bootstrap framework, and basic elements of jQuery and PHP
- Won 1<sup>st</sup> out of 10+ teams at the State Competition and 3<sup>rd</sup> at National Competition out of 60+ teams

### Foresight: A New Way to See

*August 2015 – February 2016*

- Fabricated a prototype glove that assists the visually impaired to navigate around their surroundings
- Featured an Arduino Uno microcontroller which utilized proximity sensors and IR heat detector
- Won 1<sup>st</sup> out of 10+ teams at the Technology Student Association State Conference

## Experience

### Georgia Institute of Technology ([github.com/adussa3/Atlanta-Population-Estimate](https://github.com/adussa3/Atlanta-Population-Estimate))

Atlanta, GA

*Undergraduate Research Assistant | ISyE Department*

*May – July 2018*

- Collaborated with the Atlanta Police Department to redistribute police workload more efficiently
- Created an interface with JavaScript and a Mapbox framework that displays population changes
- Coded a MATLAB parser to collect population information from CSV Census Bureau data files

## Leadership

### Residence Hall Council

Atlanta, GA

*Finance Coordinator | North Avenue East Apartment*

*August 2017 – January 2018*

- Notified 650+ residents of upcoming events and deadlines to turn in their expense reports
- Processed 100+ expense reports submitted by residents and verified them for correctness
- Organized events and meetings at the apartment with other executive officers

### Technology Student Association

Tallahassee, FL

*Sergeant-at-Arms, VP, and President | Lawton Chiles High School*

*August 2013 – May 2016*

- Directed and oversaw the work and progress of 20+ students throughout the year
- Led the team into winning 5<sup>th</sup> place at the State Competition along with multiple top ten finishes

## Skills

**Programming** Java, JavaScript, jQuery, Python, HTML5, CSS3

**Frameworks** Bootstrap, Mapbox, JavaFX

**Software** Adobe Photoshop (certified), Inkscape, MATLAB, IntelliJ IDEA, Android Studio

**Coursework** Linear Algebra, Discrete Math, Multivariable Calculus, Object-Oriented Programming, Data Structures and Algorithms, Object and Design, Agile and Scrum, Probability and Statistics, Artificial Intelligence, Design and Analysis, Computer Organization and Programming

**Organizations** Badminton Club, Residence Hall Association, Japanese Student Association