ANUNOY SIDDARTH DUSSA

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Education

Georgia Institute of Technology   Atlanta, GA
Bachelor of Science, Computer Science   *August 2016 – May 2020 (Expected)*
- **Cumulative GPA: 3.94 / 4.0; Major GPA: 3.81 / 4.0**
- Concentrations: Intelligence and People
- Awards: Dean's List (Fall 2017); Faculty Honors (Spring 2018)

Experience

Georgia Institute of Technology *(github.com/adussa3/Atlanta-Population-Estimate)*   Atlanta, GA
Undergraduate Research Assistant | ISyE Department   *May – July 2018*
- Collaborated with the Atlanta Police Department to optimize the redistribution of police workload
- Created an interface using JavaScript with a Mapbox framework that displays population changes
- Coded a MATLAB parser to collect population information from CSV Census Bureau data files

Projects

Android Application – ShelterMap *(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)*   *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 1st out of 10+ teams at the State Competition and 3rd at National Competition out of 60+ teams

Foresight: A New Way to See   *August 2015 – July 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 1st out of 10+ teams at the Technology Student Association State Conference

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 5th 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 – Algorithms
Organizations	Badminton Club, Residence Hall Association, Japanese Student Association