

# MOHAMED ABDI

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## EDUCATION

### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

#### Bachelor of Science in Computer Science

May 2021

• GPA: 3.92/4.00

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- Relevant Coursework: Data Structures & Algorithms (Spring '18), Discrete Mathematics (Spring '18), Multivariable Calculus (Spring '18), and Object-Oriented Programming (Fall '17)

## EXPERIENCE

### GEORGIA TECH COLLEGE OF COMPUTING

Atlanta, Georgia

#### Teaching Assistant - Discrete Mathematics

Fall, 2018 — Present

- Lecture 50 students weekly, recapping and covering course topics taught in class and answering questions to enhance understanding of discrete mathematics
- Provide weekly office hours to assist students with homework, exam preparation, and overall understanding course material

### FLIGHTBRIDGE

Atlanta, Georgia

#### Software Engineering Intern

Summer 2018

- Developed warning-notification system that allows for customers to warn their users if a hotel booking made exceeds a set threshold and sends an email to upper-management detailing the specifics of hotel booking.
- Integrated jQuery Paginated Data Table on our Users page to significantly decrease the loading times for our customers With 10,000+ users
- Fixed 30+ bugs/errors reported from customers and implemented 10+ new features in FlightBridge using C#, ASP.NET MVC, HTML, JavaScript, and SQL in an Agile Environment

## PROJECTS

### INTERACTIVE CHESS GAME GUI

Fall 2017

- Displays many PGN formatted games in an interactive GUI from a directory in a clear manner
- Detects if a game uses a famous Opening move
- Can search a specific chess game based on players, location, opening, year, and site of the chess match.

### WORDCOUNT

Fall 2017

- Calculates the total word count in a .txt file as well as the amount of distinct words
- Made with Java 8, making use of data structures such as HashMaps, TreeSets, and HashSets along with appropriate use of lambda expressions—a feature new to Java 8

## ACTIVITIES/LEADERSHIP

### GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

#### General Member, gt-webdev

Fall 2017 – Present

- Education to college of computing students interested in web development
- Using HTML and CSS techniques I learned from gt-webdev, I developed a personal website hosted at [mohamedabdi.me](http://mohamedabdi.me)

#### General Member, Georgia Institute of Technology Mastering Android Development (GITMAD)

- Organization that strives to teach and encourage the development of Android applications for students of all levels of experience

### BROOKWOOD HIGH SCHOOL

Snellville, Georgia

#### Committee Leader, Rho Kappa (National Social Studies Honor Society)

Fall 2016—Spring 2017

- Initiated and organized a mock presidential election for the entire student population
- Managed and created several voting booths with automated tallying.

## FRAMEWORKS AND LANGUAGES

**Beginner:** CSS, SQL, Git, Subversion

**Familiar:** HTML, Javascript, ASP.NET MVC, jQuery, AJAX, Visual Studio, Android Studio

**Proficient:** C#, Java