MOHAMED ABDI

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY <div style="float:right">**Atlanta, Georgia**</div>

Bachelor of Science in Computer Science *December 2020*

- GPA: 3.92/4.00 — GPA: 3.92/4.00
- Relevant Coursework: Data Structures and Algorithms, Discrete Math, Computer Organization & Programming (Ongoing) and Objects & Design (Ongoing)

EXPERIENCE

GEORGIA TECH COLLEGE OF COMPUTING **Atlanta, Georgia**

Teaching Assistant - Discrete Mathematics *Fall, 2018 — Present*

- Lecture students weekly, recapping and covering course topics taught in class and answering questions to enhance understanding of discrete mathematics
- Design supplementary assignments to develop a well-rounded curriculum for recitations
- 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

PROJECTS

INTERACTIVE CHESS GAME GUI *Fall 2017*

- Displays many PGN formatted games in an interactive GUI from a database in a clear manner

WORDCOUNT *Fall 2017*

- Calculates the total word count in a of 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 what I learned from gt-webdev, I developed a personal website hosted at https://mabdi3.github.io

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.
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FRAMEWORKS AND LANGUAGES

Beginner: CSS, SQL, Git, Subversion
Familiar: HTML, Javacript, ASP.NET MVC, jQuery, AJAX, Visual Studio, Android Studio
Proficient: C#, Java