

MOHAMED ABDI

1153 Overview Dr. • Lawrenceville, Georgia 30044 • 678.670.8172 • mabdi3@gatech.edu
<https://mabdi3.github.io> • <https://www.linkedin.com/in/mohamed-abdi/>

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Bachelor of Science in Computer Science

Atlanta, Georgia

December 2020

GPA: 3.92/4.00

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

EXPERIENCE

GEORGIA TECH COLLEGE OF COMPUTING

Teaching Assistant - Discrete Mathematics

Atlanta, Georgia

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

Software Engineering Intern

Atlanta, Georgia

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 .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

General Member, gt-webdev

Atlanta, Georgia

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

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

Snellville, Georgia

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