

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

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