Dawar Ahmed

Email: dahmed7@gatech.edu, **GitHub**: dawarahmed, **Website**: dawarahmed.github.io

Education

Georgia Institute of Technology, Atlanta, GA   *August 2016 - May 2020 (Expected)*
- Bachelor of Science in Computer Science, College of Computing   **GPA: 3.51**
- Threads**: Intelligence & Modelling & Simulation**
- **Multiple Faculty Honors & Dean's List** Recipient
- Duke of Edinburgh Gold Award Recipient

Experience

Summer Intern at Qatar Computing Research Institute (QCRI), Doha, Qatar   *May 2017 – June 2017*
- Worked in QCRI's Data Analytics' Team alongside the Team's Principal Scientist
- Contributed to a Ruby application, called Rayyan, by updating and reviewing the application's code
- Spearheaded work on creating and updating modular Unit Tests for Rayyan using the RSpec Framework
- Developed various data queries with SQLite databases to analysis common user errors and causes
- Gave multiple oral presentations on skills acquired through the internship to other interns and employees

Skills

Programming (Advanced): Java, Matlab, HTML, CSS, C, Ruby, Assembly
Programming: JavaScript, Regex, Java FX, RSpec, Linux, Node.js, Python
Databases: Firebase, SQLite
Key Concepts (Proficient): Data Structures & Algorithms, Discrete Mathematics, Object Orientated Programming, Objects and Design, Version Control (GIT), Agile Software Development, Test Driven Development (TDD), Memory Allocation, White Box Testing, Black Box Testing
Languages: English (Native), Spanish (Elementary)
Clubs: gt-webdev (Web Development)

Projects

Rayyan (https://rayyan.qcri.org), Doha, Qatar   *May 2017 – June 2017*
- Rayyan is an Ruby Web Application designed to helper with the Systematic Review Process
- Critiqued and updated, using Ruby, the Lexical Analysis and Syntax Parsing portion of the upload process
- Created and upgraded application's unit tests using *RSpec* to bring the coverage up to 70% from 30%
- Worked alongside both creators of Rayyan looking at the software development process

Homeless Shelter Web App, Atlanta, Georgia   January 2018 – Present
(https://github.com/dawarahmed/webapp_eggos)
- Head Web Developer of a 5-person team building a app to help the 13,000-homeless people in Georgia
- Created a Web Application to display various homeless Shelters and their details
- Used Node.js for the backend and HTML, CSS and JavaScript for the front end of the Application
- Integrated the Google Map API to display the locations of all the homeless shelters using Google Maps
- Incorporated Firebase to handle User Authentication as well as to store User and Shelter data

SHOW ME SHIBE (https://github.com/dawarahmed/SHOW-ME-SHIBE), Atlanta, Georgia   May 2018 - Present
- A fun python script which once run opens as many pictures of Dogs/Cats/Birds as you want
- Interacts with the Shibe.Online Web API and the requests python module to make GET requests
- Parses the received JSON data to open all the images of the animals

Make A Difference Hackathon, Atlanta, Georgia   January 2018
- Participated in the Make a Difference Hackathon run by the College of Computing at Georgia Tech
- Worked with UPS API to find the nearest UPS store based on a user's current location

Leadership Experience

Group Leader during Service/Camping Trips to Nepal and Wales
- Planned multiple trips for groups of up to 20 people involving trekking, navigating and volunteering
- Balanced our team's limited finances to spend on food, accommodation and various other daily charges
- Oversaw our team's trek through Mount Snowden and Helambu Mountainous Region
- Assisted a rural school by helping paint and build the school as well as uplifting the young students

Robotic Olympiad Competitions, Doha, Qatar
- Led a team of three tasked with building and programming a robot which "Connected People"
- Outlined roles and tasks for each member while also administering effective internal communication
- Won Gold in the National and went to win Silver in the Arabian while representing Qatar