

ZARIF RAHMAN

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EDUCATION

Bachelor of Science in Electrical Engineering Anticipated December 2021
Georgia Institute of Technology – Deans List every semester Current GPA: 3.5

Bachelor of Science, Electrical and Computer Engineering Anticipated May 2019
Minor in Computer Science & Systems Engineering Current GPA: 3.83
Rowan University – Bantivoglio Honors College, Deans List every semester

EXPERIENCE

IBM Watson June 15th - Present
San Francisco, CA
· Software Engineering Intern role placed from DEG Summer program.

Cheers May 11th - Present
Atlanta, GA
· Startup Social Media Company started at Georgia Tech
· Temporary engineer to help with NFC tagging design when sharing information between phones.

Georgia Tech Research Institute August 2019 – Present
· Systems and Software Engineering Intern. Design, code, debug embedded software for integrated EW Systems; systems engineering and test support for integrated EW systems; Data Analysis and Data Visualization using ML techniques. My projects were usually in C#, C and C++.

PROJECTS

Hackintosh Project September 2018 - November 2018
· Built a small Hackintosh system from off the shelf PC components
· Converted the power supply system on the original chassis to a standard ATX system

Zarifandr.com, Voorhees, NJ May 2016 - Present
· Managing a small online site that allows me to provide a portfolio of my artwork while taking custom orders
· Made about \$150 since the start of the website

Ecological/Environmental Monitoring System January 2019 - May 2019
· This app allows monitoring of volunteers by allowing them to sign up or setting up volunteer roles
· This project will be presented to Rowan's Bantivoglio Dean and Vice Dean for advancement in social applications

RESEARCH

Student Researcher January 2019 - June 2019
Dr. Thayasivum on Statistical Data Mining
· Working in R and Python. Getting prepared to compete in Kaggle

Student Researcher September 2019 – December 2019
Embedded Systems Design and Robotics
· Tongue Drive System and Robotic System development for stroke recovery therapy
· Preliminary Candidacy till next semester, will begin working full time next semester

Emory University Student Researcher September 2019 - Present
· Applying principles from electrical engineering (including computational methods in machine learning and signal processing) to evaluate, test, and develop novel electrical and optogenetic stimulation methods to treat epilepsy.

TECHNICAL SKILLS

· **Programming Languages:** Python, JAVA, R, C#, C, C++, HTML, CSS, MATLAB
· **Software Skills:** GIT
· **Software Programs:** AutoCAD, Illustrator, and Photoshop, Premiere Pro, Adobe XD

ACTIVITIES, LEADERSHIP AND ACHIEVEMENTS

Emory/Georgia Tech COVID-19 Hackathon Participant – Featured Project May 2020
Yellow Jackets Space Program (YJSP) (Treasurer) September 2019 - Present
· Designed the original Launch Vehicle Tracker using Python and OpenCV to track the rocket.
· Telemetry Lead. Designing a Telemetry system from the ground up for subscale launch by the end of Fall 2020

Georgia Tech Love Your Melon, Alternative Service Breaks, Art Matters Social Chair, Art Crawl Gallery Artist
Rowan University Class of 2017 Treasurer, Glassboro, NJ October 2017 - September 2018