

Tushar Shrote

Rochester, NY

-Email me on Indeed: <http://www.indeed.com/r/Tushar-Shrote/059f613e3096a125>

To further develop my electrical engineering knowledge through a co-op opportunity in the Summer of 2021

Work Experience

RF Engineer Co-op

TTM Technologies -Anaren Microwave - Syracuse, NY

August 2020 to Present

- # Assist Technicians to collect data from various instruments such as Vector analyzers
- # Prepare Stack-up models in AutoCad and simulate them on ANSYS HFSS
- # Perform calculations on HFSS such as impedance matching, quarter wavelength, physical length
- # Used MATLAB and VBA for data analysis and data collection for comparing results with golden standard
- # Applied theoretical concepts of transmission lines into design models
- # Used MS Excel and Power Point for documentation, visual analysis and presentations
- # Determine system performance by checking RF characteristics such as s parameters

Student Helper

Facilities Management and Services at RIT Rochester, NY

August 2019 to March 2020

- # Delivered Packages to designated departments around college campus

Emergency Communicaion Center - Dispatcher

American Red Cross - New York, NY

January 2019 to May 2019

- # Create reports for fires and evacuations
- # Assist customers with housing and finance
- # Coordinate with the NYPD and the Fire Department for assisting citizens in during Fires, evacuations

Education

Bachelors of Science in Electrical Engineering

Rochester Institute of Technology - Rochester, NY

December 2022

Masters of Science in Electrical Engineering

University Physics 2

December 2022

Skills

- C++
- MATLAB
- Verilog
- VHDL
- Altium
- SolidWorks 3D
- Multisim
- AutoCAD
- MS office
- ANSYS HFSS
- Hardware: CRO
- Vector Analyzer
- ATC a200
- DSO
- Altera FPGA
- Multimeter
- Function Generator
- X-Ray