

TANVI GUPTA

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PROFILE

Strong **quantitative background** with training in healthcare and biomedical data analysis
Excellent **communicator** with ability to connect ideas and bridge individuals in different disciplines
Flexible and adaptable with outstanding **people skills** and ability to work in a team at any level

Python, R, MATLAB
HTML/CSS, SQL, ReactJS

Linux, Windows

Simulink, NI Multisim,
Google Cloud Platforms

EDUCATION

M. Eng, Biomedical Engineering (3.33)

University of Cincinnati, US

2018

- **Teaching Assistant**, Basic Electronic Circuits laboratory
 - Graded laboratory reports and provided systematic feedback to a class of 30+ students
- **\$15,000** in tuition scholarship award by the University of Cincinnati
- Courses in Biomedical Signal and Image Processing, Biostatistics, Quality Control, Biosensors, Bio-inspired Robotics

B. Tech, Electronics and Instrumentation Engineering

WBUT, India

2016

- **Project** on “Studies on PVDF based piezoelectric transducer” (under Dr. Rajendra Singh, BHU)
- **Project** on “Design and implementation of a digital frequency meter”
- Courses in Control Systems, Process Control, Power Electronics, Digital and Analog Signaling, Embedded Systems, Sensors, Circuit theory and Networks, Industrial Instrumentation

EXPERIENCE

Biomedical Data Analyst Intern

CareLogIQ Corp, Munster IN, US

2018-current

- Developed and maintained automated data-driven analytics system for support of fluid management in hemodialysis; resulting in reduced processing time and fewer bugs
- Worked in team with senior software engineer and co-interns to develop and deploy client-facing applications built on ReactJS, Flask, SQL, and Google Cloud Platforms
- Assisted in project management and product development by working and coordinating between project managers and developers at all levels in the organization

Automated Systems Intern

Indian Oil Corporation, Kolkata India

2015

- Received hands-on training for time-management and scheduling methods for enhancing productivity at an Indian Oil Corporation (\$40+ billion company) terminal
- Performed simulations and implemented PLC terminal automation system circuits using *SoftMaster*

Teaching Assistant

Edudigm Education Services, Kolkata India

2011-2014

- **Over 4 years** of experience conducting education seminars and workshops for high-school students
- Tutored 30+ high-school students in Math and Physics, as well as, wrote practice problems for educational service online discussion platform