**Nicholas R. Gulati**

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**OBJECTIVE**

Further my education through continued learning at the graduate level where I will develop the technical and professional skills needed to be successful. In addition to these skills I seek to develop professional connections and relationships, the enrichment of which will shape my future.

**EDUCATION**

***ROCHESTER INSTITUTE OF TECHNOLOGY,*** Rochester, NY
B.S. in Biomedical Engineering, Expected May, 2016
GPA: 3.73/4.00

**EXPERIENCE**

***Rochester Institute of Technology*** Rochester, NY
September, 2015- December, 2015

*Teaching Assistant:*

- Held office hours and graded assignments

***Roswell Park Cancer Institute*** Buffalo, NY
May, 2015 – July, 2015

*Project Coordinator*

- Performed statistical analysis for a hospital-based case-control study
- Generation of manuscript presenting original research
- Literature research and assessment validity and strength of model

***University of Rochester*** Rochester, NY
January, 2015 – April, 2015

*Laboratory Tech Intern*

- Design and prototyping of custom cell stimulator
- Performed in vitro experiments with prototype
- Design and fabrication of custom equipment for laboratory

***Seahorse Bioscience*** Billerica, MA
December, 2013 – August, 2014

*Technical Support Intern:*

- Constructed and maintained information database
- Catalogued pertinent bioassay parameters from journal publications
- Direct and Indirect remote technical and bioassay support

***Micro Bioseparations Laboratory*** Rochester, NY
May, 2013- August, 2013

*Laboratory Technician:*

- Conducted self-guided research project
- Performed data acquisition, analysis, interpretation, and presentation
- Literature review

**SKILLS**

**Software:** Microsoft Office, MatLab, Labview, COMSOL, SolidWorks, SketchUp, Minitab, SAS

**Skills:**

| | |
|---|---|
| Signal Processing and Systems Analysis | Bio-analytical Techniques and Tools |
| Statistics based Data Analysis | Sterile Technique |
| Bacterial and Mammalian Cell Culture | Chemistry and Separations Techniques |
| Technical Writing and Data Presentation | 3D Design and Prototyping |

**PROJECTS**

Multidisciplinary Senior Design Project; **Robofish V3.1**; Biomedical Engineering Lead (2015-2016)

**PROFESSIONAL ACCOMPLISHMENTS**

**Gulati, N.**; Bruening D.; Gencoglu, A.; and Lapizco-Encinas, B.; Assessment of Electroosmotic Flow employing Particle Image Velocimetry, Oral Presentation, Summer Undergraduate Research Symposium, Rochester NY, USA (08/2013)

**EXTRA CURRICULAR ACTIVITES**

***Biomedical Engineering Society (BMES)*** Rochester Institute of Technology Chapter
Member since December 2012

*Committee Member:*

- Helped design and test presentation given at Imagine RIT
- Gave presentation and interacted with community on behalf of BMES