

Andrew Wong

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Department of Biomedical Engineering
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Education:

Tulane University, New Orleans, LA. *BSE Biomedical Engineering candidate.* Class of 2013

Professional Experience:

6/08-6/09- Sands Point Preserve, Sands Point, NY

Eagle Scout Project

Designed and installed water bars for erosion control.

5/11-8/11, 12/11-1/12, 5/12-8/12- Sirona, Long Island City, NY

Internship in the engineering department

Electrical and mechanical testing, validation testing, functionality testing, manufacturing automation processes, image processing and filter algorithms for Computed/ Digital Radiography improvements

2/12-current- Tulane University, New Orleans, LA

Research for Dr. Damir Khismatullin's lab

Design and build a High Intensity Focused Ultrasound (HIFU) system for in vitro testing for later use in tumor ablation, particularly in the liver.

Skills

- Proficient in MATLAB, Microsoft Office Word, Excel
- Familiar with Wink, Labview, Solidworks, Mathcad
- Proficient in Soldering
- Test fixture assembly

Achievements:

- Eagle Scout
- Member of Phi Kappa Sigma international fraternity