

DREW PADILLA

333187 Georgia Tech Station
Atlanta, GA 30332

813.500.9027
dpadilla@gatech.edu

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Biomedical Engineering, Anticipated graduation May 2015
Dean's List, Honors Program

Atlanta, GA
August 2010 - Present
GPA: 3.24

Senior Capstone Project

Fall 2014

Awarded Best Overall Capstone Project at Georgia Tech Senior Capstone Expo

- Followed the DMADV design process to design a device that simultaneously cuts and staples to correct drooping upper eyelid
- Defined design requirements utilizing clinical collaboration and feedback

WORK EXPERIENCE

Remington Medical, Inc.

Engineering Intern

Alpharetta, GA
May 2014 – August 2014

- Initiated and executed operational and process qualifications (OQ/PQ) in support of the FL-II-97 manufacturing process.
- Created internationally executed qualifications and study protocols.
- Assisted the launch of the RMI FL-II-97 pacing cable.
- Lead design review meetings to forward the SO pacing cable.

Engineering/Quality Co-Op

January 2014 – May 2014

- Drafted multiple risk analysis documents and design documents for the FL-II-97 pacing cable.
- Created quality documentation for both the FL-II-97 and SO pacing cables.
- Conducted preliminary proof-of-concept design testing.
- Executed engineering studies on manufacturing of the FL-II-97 pacing cable.

Engineering/Quality Co-Op

May 2013 – August 2013

- Coordinated construction, verification, and validation of an ISO Class 8 Standard Clean Room for the TearScience LipiFlow Thermal Pulsation product.
- Worked directly with VP Engineering and Program Manager to launch the TearScience LipiFlow Thermal Pulsation device.
- Wrote numerous OQs and PQs, and the Master Validation Plan in support of the TearScience manufacturing process.
- Produced fixtures used to facilitate the operation of molding machines.

Quality Co-Op

August 2012 – December 2012

- Primary engineer in the re-launch of the RMI ADAP-1 EPG adapter.
- Conducted V&V testing to expedite launch of RMI products.
- Developed manufacturing price quotes for OEM and RMI products using RMI manufacturing quoting system.

SKILLS

- Trained in writing PFMEA, DFMEA, DID, IUHA, MRMP, and MVP risk management documentation
- Experience in manufacturing and engineering quality systems
- Qualified in designing and executing engineering studies
- Experience in MATLAB, Python, LabVIEW, and SIMULINK
- Spanish comprehension (4 years formal study)
- Proficient in Microsoft Office, SolidWorks, and Minitab

HONORS AND ACTIVITIES

- Senior Capstone Best Overall Project
- Recipient of Goizueta Scholarship (2010 – 2015)
- Recipient of Georgia Tech's OMED Tower Award (2011 – 2014)
- Alpha Chi Sigma
- Georgia Tech Swim Club: Vice President (2013)
- Boy Scouts of America Eagle Scout