

## Education

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<b>B.S. Biomedical Engineering</b>	<b>Georgia Institute of Technology</b>	<b>Jan. 2013- Dec. 2016</b> <b>GPA: 3.86/4.00</b>
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Related Courses: Problems in Biomedical Engineering I/II (Prototype/Product Development), MATLAB, Physics II (Python), BME Program Development, Systems Physiology, Biomechanics, Organic Chemistry I/II, Biochemistry, Cell Physiology

## Experience

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<b>Supply Chain Planner, Intern</b>	<b>Abbott Laboratories Diabetes Care</b>	<b>May 2015 – Aug. 2015</b>
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- Utilize Enterprise Resource Planning systems and Microsoft Excel to manage data of 2000+ SKUs
- Created supply allocation solutions to address issues for a B2B product due to FDA regulation for U.S Clinical business by analyzing monthly production plans, inventory status, and demand in multiple countries
- Collaborate with IT to improve data management software to increase the efficiency of the ERP system

<b>Product Owner/Co-Founder</b>	<b>W. Coulter Department of Biomedical Engineering</b>	<b>Jan. 2014 – Present</b>
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*BME Learning Commons Initiative (Previous: Chair of Public Relations)*

- Launch BME department-wide mentorship program for 1000+ alumni, upper, and underclassmen by utilizing Agile Scrum Methodology for product management
- Create department-wide organization to aid manage the collaboration of 10+ BME organizations
- Redesign an empty space (lounge) into a vibrant collaborative learning space for BME undergraduates and increase the traffic flow to 200 students/week
- Design the BME Learning Commons Logo, create social media platform and manage marketing

<b>Vice President</b>	<b>Korean Undergraduate Student Association</b>	<b>Jan. 2013 – Present</b>
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*Previous: Vice President of Finance*

- Create and administer annual budgets to manage numerous large events involving 6 universities
- Increased the revenue of the organization from ~\$1000 to ~\$3000 by securing new sponsors and by increasing efficiency in the organization
- Proposed creation of GA KUSA website and mobile app; assist in concept design and oversee the progress

<b>Undergraduate Researcher</b>	<b>Emory Medical School</b>	<b>Aug. 2014 – May 2015</b>
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*Translational Neuroengineering Lab*

- Create MATLAB scripts to accelerate the process of EEG collection and analysis of 300+ spectrograms
- Collect EEG data conducting micro-electrical stimulation on the medial septum to induce theta in hippocampus and analyze the data using MATLAB and an open-source system that conducts real-time optogenetic modulation and multi-electrode electrophysiology *in-vivo* in awake and behaving rodents

<b>R&amp;D Engineering Intern</b>	<b>Abbott Laboratories Diagnostics</b>	<b>May 2014 – Aug. 2014</b>
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- Create 10+ test procedures and conduct multiple testing for prototype development, refinement, and validation
- Design work flows for multisystem prototype and collaborate with software engineers, system integration team, and instrument design transfer to validate its functions

## Skills

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Computer: Proficient MATLAB, SolidWorks; Experience in Python  
Language: Native Korean Speaker (Fluent)

## Awards

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- 1<sup>st</sup> Place Case Competition (Abbott)
  - Faculty Honors/Dean's List
  - Zell Miller Scholar