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Yuna Oh

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Education

B.S. Biomedical Engineering **Georgia Institute of Technology** **Jan. 2013- Dec. 2016**
GPA: 3.86/4.00

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

Supply Chain Planner, Intern **Abbott Laboratories Diabetes Care** **May 2015 – Aug. 2015**

- 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

Product Owner/Co-Founder **W. Coulter Department of Biomedical Engineering** **Jan. 2014 – Present**
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

Vice President **Korean Undergraduate Student Association** **Jan. 2013 – Present**
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

Undergraduate Researcher **Emory Medical School** **Aug. 2014 – May 2015**
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

R&D Engineering Intern **Abbott Laboratories Diagnostics** **May 2014 – Aug. 2014**

- 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

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

Awards

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