

ALISON (ALI) SHUTZBERG

110 Spindale Court • Atlanta, Georgia 30350 • 770.331.4953 • ashutzberg6@gatech.edu • U.S. Citizen

Portfolio Website: <https://alishutzberg.wixsite.com/portfolio>

OBJECTIVE

Highly motivated senior Mechanical Engineering student who excels at open ended problem solving and learning quickly in a challenging environment. Emphasizes aesthetics and presentation and enjoys collaborative, cross-functional project work. I am continuing my engineering career with a focus on product development and design post-graduation.

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, COLLEGE OF ENGINEERING

Atlanta, Georgia

Bachelor of Science in Mechanical Engineering

August 2015 — May 2020

GPA: 3.90

- Minor in Business through the Denning Technology and Management Program
- Honors Program Scholar – top 5% of undergraduate student population
- Recipient of ACG Youth Entrepreneur of the Year Scholarship and JA Fellows Scholarship

SHENZHEN UNIVERSITY, COLLEGE OF BUSINESS

Shenzhen, Guangdong, China

Global Leadership Certificate Program – Conducting Business in China

Spring 2017

- Visited companies to study China's international business role; conducted a case study with Shenzhen University students

EXPERIENCE

APPLE INC.

Cupertino, California

Technology Development Group Product Design Intern

May — December 2019

- Designing modules and assemblies for a development platform; Leading a long-term investigation of a feature technology
- Brought up new manufacturing processes, assembly fixtures, & IQC methods with reliability validation

Acoustic Prototyping Intern

May — December 2018

- Introduced a prototyping technology to the Acoustics HW org after experimenting and devising application strategies
- Redesigned plastic parts for precision electromechanical module assemblies
- Manufactured 100's of fine-featured, complex parts to support a prototype module build in China
- Applied for a patent on a novel prototyping technique

GEORGIA-PACIFIC (GP)

Atlanta, Georgia

Denning Technology & Management (T&M) Capstone Project

October 2017 — May 2018

- Collaborated in a cross-functional student group to design and prototype an innovative, IoT enabled product, with an estimated 10-year NPV of \$90 MM to be added to GP's line of smart washroom technologies
- Awarded Best Capstone Project in the T&M class of 2018

PROCTER & GAMBLE

Cincinnati, Ohio

Product Supply Engineering Intern

May — August 2017

- Enabled diaper line vacuum optimization via airflow analysis and modeling to improve duct design and process efficiency
- Presented training and control solutions to enable annual energy cost savings and over \$80 million of capital avoidance

PRODUCT DESIGN PROJECTS

Atlanta, Georgia

Vertically Integrated Project (VIP) / Hands on Learning

January — May 2019

- Working with various engineering students to design and manufacture interactive demos for engineering courses

Got it / ADHD Product Development Project

January — May 2016

- Invented a wearable and application to significantly improve the memory performance of students with ADHD

The Grail Gobbler / Machine Design Project

August — November 2016

- Designed and built an autonomous robot, with a 4-person competition team, that executes mechanical challenges on an arena

Races in Different Places / Wearable Design Project

March — May 2016

- Developed and prototyped a wearable technology and phone application to transform the running experience

LEADERSHIP

GEORGIA INSTITUTE OF TECHNOLOGY

Atlanta, Georgia

Campus Tour Guide

August 2016 — December 2017

JUNIOR ACHIEVEMENT

Atlanta, Georgia

Student-run startup companies: Start Up (VP Production), Custom Coasters (VP PR), and Write Bright (President)

2011 — 2015

- Managed up to 17 employees, introduced/designed all 3 product ideas, authored 3 annual reports
- Achieved National JA Company of the Year, Georgia Company of the Year, and NYSE Best Financial Performance Award

SKILLS/INTERESTS

Technical: NX, SolidWorks, GD&T, ANSYS, MATLAB, Java, JMP, Materialise Magics, Final Cut Pro, Prototyping, Arduino

Skills: Written and oral communication, attention to detail, eye for aesthetics, identifying individuals' strengths

Interests: Product design, long-distance running, playing ukulele, public speaking, the Atlanta Beltline