

Alison Suhm

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA

Bachelor of Science, Industrial and Systems Engineering

Expected December 2019

- 4th Year
- Concentration: Quality and Statistics
- GPA: 4.0

GEORGE WALTON COMPREHENSIVE HIGH SCHOOL, Marietta, GA

August 2011- May 2015

- GPA: 4.273, Rank: 44/601, SAT: 2200
- Honors: Academic Letter (2011-2015), AP Scholar with Distinction

EXPERIENCE

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA

August 2018 – December 2018

Undergraduate Teaching Assistant

- ISYE 3232 (Stochastics and Manufacturing)
- Created answer keys, graded assignments, provided office hours and email assistance

COX COMMUNICATIONS INC., Atlanta, GA

January 2017 – August 2018

Engineering Co-op; IT, Billing & Operations (Summer 2018)

- Tracked billing operations to prevent revenue loss and drive more efficient processes
- Reworked internal application reference website to simplify inter-team collaborations

Engineering Co-op; Outside Plant Construction (Fall 2017)

- Utilized SQL and Tableau to visualize Oracle data for real-time status reports on Cox's network assets and drive preventative maintenance and increased issue visibility
- Improved data integrity through migration to new inventory system

Engineering Co-op; Access Engineering (Spring 2017)

- Collaborated with Access Engineering team to maintain current DOCSIS technologies and guarantee successful transitions to new technologies
- Planned and ensured successful implementation of DOCSIS 3.1 Market Trial

SKILLS

Software: MS Office Suite, Tableau, Sharepoint, Minitab, R

Programming: Intermediate: Python, Java, Xpress
Familiar: SQL, HTML, CSS, XML

Coursework: Data Input/Manipulation, Probability with Applications, Engineering Economy, Engineering Optimization, Stochastic Manufacturing & Service Systems, Simulation, Supply Chain Logistics, Regression/Forecasting

INVOLVEMENT

Rower, Georgia Tech Crew

August 2015 – Present

- Dedicated 4th year varsity rower on nationally ranked team of 100+
- All-American Academic First Team