

ETHAN CHANNELL

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY

Industrial and Systems Engineering

- Concentration: Supply Chain
- Scholarships and Honors: Zell Miller Scholarship, Daniel Hager Scholarship, Deans List

Atlanta, GA

Aug 2017 - May 2021

GPA: 3.93/4.00

WORK EXPERIENCE

UNITED PARCEL SERVICE

Customer Solution Intern

- Utilized Microsoft Power Query to extract customer forecast volumes and establish reports
- Analyzed data in Microsoft Excel to identify trends in types of package delivered during PEAK season
- Developed a Python Script to clean data for different airlines to connect flights to volume capacity

Atlanta, GA

Jun 2020 – Aug 2020

DAIKIN APPLIED

Project Engineer

- Analyzed costs of implementing HVAC systems ranging from \$5,000 to \$1,000,000 contracts
- Corresponded with Field Sales Engineers to secure contractor bids for the company and drive sales
- Compiled specification sheets and data sheets to create submittals for awarded bids to be reviewed by customer
- Evaluated current quoting methods and improved the process to decrease lead times

Marietta, GA

Jan 2019 – May 2019

THE HUBACH GROUP INC.

Summer Intern

- Investigated dwell time in different geographical zones to identify problems in logistical operation
- Created weekly reports to measure driver productivity and pushed to increase driver efficiency by 5%
- Collaborated with 8 team members to improve day to day operation and shipping scheduling
- Implemented a Power BI dashboard to provide reports on different customer volumes per week

Cumming, GA

May 2018 – Aug 2018

PROJECTS

GEORGIA TECH HEALTH ANALYTICS

Undergraduate Researcher

- Utilized Python to clean Medicaid datasets and implemented R code to create maps of diabetes prevalence in Georgia
- Modified HTML and JavaScript code to configure a web portal to host data mappings for different medical conditions

Atlanta, GA

Aug 2019 – Present

ATLANTA ZOO DATABASE

Create a SQL database to run specified SQL queries

- Created dynamic application with high level functionality modeling the Atlanta Zoo Database
- Utilized a Python GUI package to develop a user interface
- Collaborated with team members to create Python back end with MySQL
- Exercised database design methodology to create an efficient database

Atlanta, GA

Aug 2018 - Dec 2018

LEADERSHIP

ALPHA KAPPA PSI

President

- Designed the vision for a 70-member chapter in constructing future business leaders and building professional skills
- Lead an executive team of 10-people to develop leadership skills and initiate new initiatives to increase engagement

Atlanta, GA

March 2020 – Present

SKILLS/INTERESTS

Concepts: Continuous Improvement, Deterministic Modeling and Optimization, Multiple Linear Regression, Stochastic Systems, Reducing Variability in Service Systems, Graph Theory

Programming: Python, SQL, Tableau, R, Microsoft Excel

Communication: Research papers, Power Point, Email, Data Visualization

Interests: Bodybuilding, Running, Action Movies, Rugby