ETHAN CHANNELL

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   **Atlanta, GA**
Industrial and Systems Engineering   *Aug 2017 - May 2021*
- Concentration: Supply Chain   GPA: 3.93/4.00
- Scholarships and Honors: Zell Miller Scholarship, Daniel Hager Scholarship, Deans List

WORK EXPERIENCE

UNITED PARCEL SERVICE   **Atlanta, GA**
Customer Solution Intern   *Jun 2020 – Aug 2020*
- 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

DAIKIN APPLIED   **Marietta, GA**
Project Engineer   *Jan 2019 – May 2019*
- 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

THE HUBACH GROUP INC.   **Cumming, GA**
Summer Intern   *May 2018 – Aug 2018*
- 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

PROJECTS

GEORGIA TECH HEALTH ANALYTICS   **Atlanta, GA**
Undergraduate Researcher   *Aug 2019 – Present*
- 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 ZOO DATABASE   **Atlanta, GA**
Create a SQL database to run specified SQL queries   *Aug 2018 - Dec 2018*
- 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

LEADERSHIP

ALPHA KAPPA PSI   **Atlanta, GA**
President   *March 2020 – Present*
- 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

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