ETHAN DARK

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PROFESSIONAL SUMMARY: Master of Science in Business Analytics Graduate interested in leveraging learning and experiences in languages such as Python and MySQL to data scientist/engineer role. Looking for opportunities to handle complex datasets to create information that will help teams make business recommendations and decisions.

LANGUAGES & PROGRAMS: Python, MySQL, R, Javascript, Java, Spark, NoSQL, Linux Shell, Hadoop, MapReduce, EMR, Hive, AWS S3, Docker, MongoDB, Redis, Tableau, DataRobot

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EDUCATION

UNIVERSITY OF COLORADO BOULDER, LEEDS SCHOOL OF BUSINESS   Boulder, CO
Master of Science in Business Analytics, GPA: 3.79   *May 2021*
- **Specialized Skills:** Marketing Analytics, Data Science, Data Analytics, Machine Learning, Deep Learning, Business Intelligence, Data Prep, Data Engineering, AI
- **Highlighted Projects**: Time Series Analyzation for Children's Hospital, Pyspark Machine Learning for Seagate
- **Relevant Courses:** Digital Advertising, Structured Data Modeling and Analysis, Applications of Advanced Statistical Techniques in Advertising, Unstructured and Distributed Data Modeling and Analysis

TULANE UNIVERSITY, A. B. FREEMAN SCHOOL OF BUSINESS   New Orleans, LA
Bachelor of Science in Management, Marketing and Finance Double Major   *May 2020*
- **Activities & Awards**: Minor in Chinese Language, Dean's List (x3)

PROFESSIONAL EXPERIENCE

UNIVERSITY OF COLORADO BOULDER, LEEDS SCHOOL OF BUSINESS   Boulder, CO
Instructor, Introduction to Python Programming   *August 2021 - Present*
- Teach the fundamentals of the Python language during the first half of the semester
- Introduce Python's business analysis tools during the second half of the semester
- Host office hours to offer additional assistance outside of the lecture time
- Lecture one section of 47 business school undergraduate students

INFOBLOX   Boulder, CO (Remote)
Contract Data Engineer   *December 2020 – February 2021*
- Constructed a Google Apps Script function that searched through Infoblox customer information to determine if a partner provided company was a new opportunity
- Automated a process that would typically take each of the 20 national channel account managers 10+ hours a week and increased the accuracy of the returned values
- Wrote 179 lines of code that returned seven values for each row; including four values gathered from other spreadsheets and three conditionals
- Learned Javascript to write the function in Google Apps Script connected to the team's Google Sheets file

ARTIST OUTREACH ORGANIZATION   New Orleans, LA
CFO   *February 2019 – March 2020*
- Budgeted donation money and negotiated deals with local venues for our events
- Assisted in crediting the organization as an official non-profit

TULANE UNIVERSITY – A.B. FREEMAN SCHOOL OF BUSINESS   New Orleans, LA
Managerial Accounting Teaching Assistant   *August 2019 – December 2019*
- Hosted office hours two times a week for three hours to assist any students that showed up in solving assignments and preparing for tests
- Raised one student's grade who continuously came to see me from a failing midterm grade to a B final grade

CUSHMAN & WAKEFIELD   Los Angeles, CA
Research Intern   *June 2019 – July 2019*
- Updated 604 class A/B building stacking plans in SiteSolutions with four other interns to create database that will help brokers more easily communicate offerings to clients

- Canvassed 575 buildings in LA West & LA Central submarkets, taking 3,500 total building photos
- Updated and confirmed 1,630 SiteSolutions fields for buildings, including amenities, ownership, property manager, floor count, floor size, parking ratio

MASS MUTUAL   Los Angeles, CA
Life Insurance Intern   *June 2018 – August 2018*
- Researched and compiled information regarding 20-30 policies using Excel to present to clients, allowing the client to make a more informed decision
- Revamped method of storing 500+ client case files, increasing organization and accessibility for the agents
- Simplified detailed policy information and benefit information for clients, providing the client with a more easily understood summary

POWERA   Los Angeles, CA
Merchandising Intern   *June 2017 – August 2017*
- Collected and analyzed data about upcoming films and series, examined potential merchandising and licensing deals
- Tested 40-50 newly developed or improved PowerA products, determined that half were ready for sale, and made recommendations for improvement
- Participated in product innovation and merchandising/licensing deals brainstorming sessions with four-person team, led to more concrete plans and timelines

CUSHMAN & WAKEFIELD – FORMALY DTZ   Shanghai, China
Research Intern   *June 2015 – July 2015*
- Created a database of 100+ acquired properties, providing the investors with an easy way to rank properties based on quality, price, and other metrics
- Surveyed several potential building sites, assisted acquisition team with recording traffic volume and photographs
- Edited 10-15 investor reports, confirming proper translation from Mandarin to English

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OTHER ACTIVITIES: Rock Climbing, Weightlifting, Skiing, Mission Trips to Romania and India (2014-2016)