

ANDREW DICKS
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EDUCATION	UNIVERSITY OF MICHIGAN School of Information Bachelor of Science in Information, December 2020 College of Literature, Science, and the Arts Bachelor of Arts in Spanish, December 2020 • GPA: 3.8	Ann Arbor, MI
EXPERIENCE Jan 19 – May 19	CONECTA13 Data Analyst and User Experience Intern <ul style="list-style-type: none">• Worked abroad as a data analysis and UX intern for a small tech company to design a program that promotes and grows the online educational efforts of the contractor• Collected and analyzed data through an Open edX platform to present and visualize user participation and progress statistics using Python and HTML with an end goal of improving the user experience of the platform for both professors and students• Transcribed and translated the company website (www.conecta13.com) from Spanish to English to make its services accessible and legible for more people around the world	Granada, Spain
Sep 16 – April 17	U-M RLL SPEECH PRODUCTION LAB Undergraduate Research Assistant <ul style="list-style-type: none">• Studied the oral production progress of second language learners studying abroad and how their immersive abroad experience improved their language skills across time• Analyzed and documented audio recordings in 3 different time frames from the students' time abroad using programs PRAAT, CLAN, and Microsoft Excel to evaluate their production in words per second and fluidity through the use of filler words• Worked with 5 lab assistants to maintain an organized and efficient work environment, as well as to collaborate on our final presentation at the term-end research symposium	Ann Arbor, MI
PROJECTS Sep 19 – Present	SI 485 CAPSTONE PROJECT – EPA Informed Compliance Assurance Via Data Analytics <ul style="list-style-type: none">• Ongoing year-long project with the Environmental Protection Agency's Motorcycle and ATV engine compliance sector collecting and analyzing data scraped from the online motorcycle forum Bikez.com to predict compliance issues in engine manufacturing• Working on a team of 4 students to report trends in motorcycle engine compliance that help the EPA manage engine regulation more accurately and find discrepancies in what manufacturers report about their engines and what they are actually producing• Using Python and BeautifulSoup to scrape the data from the forum, then using Pandas and Seaborn to analyze the datasets and produce visualizations to present the information	Ann Arbor, MI
Fall 2019	SI 370 Kaggle Competition – Restaurant Revenue Prediction <ul style="list-style-type: none">• Competed in the Restaurant Revenue Prediction competition on Kaggle in a group of 6 people for a class assignment to practice statistical and analytical skills learned in class with the goal of predicting the revenue of a newly opened restaurant in Turkey• Used dummy variables to find important features of profitable restaurants, run classification models like correlations to revenue, and create a pipeline to predict the revenue of new restaurants by determining the best classifier and accuracy score	Ann Arbor, MI
LEADERSHIP 2017 – Present	Captain – University of Michigan Water Ski Team <ul style="list-style-type: none">• Elected team leader responsible for coaching, organizing practice, managing lineups, and assuring that the team of 30+ students represents the university in a positive way• Helped lead the University of Michigan to Collegiate Nationals in 2017, 2018, and 2019• Personal achievements: 5th Overall Midwest Regionals, 2019 Midwest Regional All-Star	Ann Arbor, MI
ADDITIONAL	<ul style="list-style-type: none">• Technical: Proficient in Python, Pandas, NumPy, Seaborn, Bokeh, Matplotlib, Scikit-learn; Experience in Microsoft Excel, SQL, HTML, BeautifulSoup, Git, C++• Language: Fluent in English and Spanish; Intermediate knowledge of Catalan• Design: Experience in Adobe Photoshop and Adobe Illustrator• Lived in 3 different countries – United States, Mexico (2011-2013), Spain (Winter 2019)	