

# Dinko Imsirovic

**dimsirov@umich.edu • Ann Arbor, MI**

Undergraduate Data Science student at the University of Michigan with 2+ years of experience. Passionate about turning data into insight and working not just as an analyst, but as a technologist, organizer, and communicator dedicated to bringing together technology, business, and strategy.

## EDUCATION

### University of Michigan

**Ann Arbor, MI**

*Bachelor of Science in Data Science*

*December 2020*

*Coursework:* Data Mining and Statistical Learning, Applied Regression Analysis, Web Systems, Computational Methods in Data Science, Data Structures and Algorithms, Introduction to Biostatistics

*Programming Languages/Skills:* R, Python, C++11, Microsoft Office Suite

## WORK EXPERIENCE

### University of Michigan

**Ann Arbor, MI**

*Computer Consultant II*

*April 2018 – August 2018*

- Developed and maintained data conversion program in Google App Scripts to standardize retail product naming conventions for overhaul of primary operations database of Michigan Dining
- Successfully debugged and updated source code generating incorrect invoices in Macros and Microsoft Visual Basic under extreme time pressure to save university \$50,000

### Wayne State University

**Detroit, MI**

*Research Assistant*

*May 2017 – August 2017*

- Spearheaded transition of research team to R/RStudio as primary statistical software with focused teaching materials and methods in the tidyverse
- Delivered improved statistical results to research team, leading to co-authorship on a publication in peer-reviewed journal (*Mito-nuclear interactions modify Drosophila exercise performance – Sujkowski et. Al*)

## PROJECT EXPERIENCE

### University of Michigan

**Ann Arbor, MI**

*All-NBA Selections*

*November 2019*

- Implemented poisson regression model to predict number of times a given NBA player will be selected for the All-NBA team over the course of their career
- Collected and tidied data from different online sources to create single, appropriate dataset
- Wrangled data and developed model using dplyr and RStudio

*JP Morgan Showcase Winner*

*March 2017 – April 2017*

- Implemented machine learning and natural language processing model in Python to automate generation and tweeting of BuzzFeed quiz titles
- Engineered showmanship feature to tweet single generated title alongside randomized real titles in a multiple-choice format for patrons to guess generated title before tweeting answer

## LEADERSHIP EXPERIENCE

### University of Michigan Marching and Basketball Band

**Ann Arbor, MI**

*Trumpet*

*August 2016 – Present*

- Reinforce marching drill and fundamentals to ensure member performance adheres to high standards of the band
- Work with staff and student leaders to create an equitable and inclusive environment within the organization

### Warren Mott Boys Tennis Team

**Warren, MI**

*Assistant Coach*

*August 2018 - Present*

- Developed and led summer training programs to prepare varsity high school singles players for upcoming seasons
- Actively engaged with associate coaching staff and community members to optimize drills and practice sessions uniquely tailored to individuals' strengths and weaknesses