Aaron Funes

773-574-2247: aaronfunes2020@u.northwestern.edu

Education

- **Northwestern University**   **GPA:** 3.2   Evanston, IL
  BA in Physics, Minor in Italian Studies   *June, 2020*
  Course Work: Calc 1-4; Linear Algebra; Ordinary Diff Eqs; Fourier Analysis; Condensed Matter Physics; Classical Mech 1-2; Quantum Mech 1-2; Electrodynamics 1; Advanced & Optical Physics Lab; Comp Sci 110
  Awards: Questbridge Scholar, Illinois State Scholar, J.S. & Helen James Scholar
- **Syracuse Abroad: Florence**   Florence, Italy
  Course Work: Advanced Italian Conversation   *September-December 2019*

Skills

- **Programming**: JavaScript, HTML, CSS, React JS, Python, NumPy, R, rvest, tidyverse, GitHub, Gitbash

- **Misc:** Fluent in Spanish and Italian, Intermediate French, Microsoft Office Suite, Ableton Live

Work Experience

- **STEMPod Startup**   Chicago, IL
  Head Researcher for Service Development   *August 2020-December 2021*
  - Researched and developed strategies for streamlining and improving tutoring services, deficiencies in business operations, and expansion of the STEMPod platform
  - Aided in the development and production of the STEMPod Leaders Podcast which hosted guest speakers such as Dr. Anthony Fauci and Nobel Prize Winner Dr. Rainer Weiss
  - Established Partnership with CPS school Currie Highschool and other high schools in New York
  Composer/Producer   *August 2020-Present*
  - Composed, recorded, and produced music for the STEMPod Leaders Podcast
- **Northwestern Institute for Policy Research**   Evanston, IL
  Meta Analyst Research Assistant   *June-August 2019*
  - Programmed a web scraper (in R) for data retrieval and database compilation for around 500 different educational researchers and their contributions on published psychological journals
  - Compiled data sets for standard physical units with their corresponding uncertainty conditions for usage in a current study of the heterogeneity of effects sizes
- **Vector Marketing** (South Loop Office)   Chicago, IL
  Sales Representative   *June-August 2017*
  - Developed communication, presentation, and time management skills through customer relations
  - Firsthand experience with negotiation and sales; boosted team sales by 18%
  - Established and helped foster a cohesive team dynamic in the office

Learning Experience

- **Data Structures and Algorithms on Code Academy**   Chicago, IL
  - Learned the fundamentals of Data Structures such as nodes, linked lists, trees, etc and the corresponding algorithms utilized to deal with them
- **Chicago Board of Exchange**   Chicago, IL
  Stock Options Mentee   *March-May 2016*
  - Worked with executive board members to understand the principles of stock options such as calls, puts, breakeven points, and market trends

Extracurricular Activities

- **Charlie's Bane**   Chicago, IL
  Mixing/Mastering Engineer for single, "I lay"   *July-September 2020*

- **.Wav Production Company (On Campus Music Organization Club)**   Evanston, IL
  Events Committee Director   *September 2017-Present*
  - Boosted attendance by 15% to both university and local venues organized by the .Wav Production Company