

# Jake A. Gwinn

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## Education

### UNIVERSITY OF MICHIGAN (2020-CURRENT)

Major: Data Science ; Minor: Music

Ann Arbor, MI

Earned Spanish Proficiency

GPA: 3.73

#### Relevant Classes

EECS 281 - Data Structures and Algorithms

STATS 315 - Statistics & AI

STATS 306 - Introduction to Statistical Computing (R)

STATS 412 - Introduction to Probability and Statistics

## Experience

### MICHIGAN DATA SCIENCE TEAM

Ann Arbor, MI

PROJECT: SEC INSIDER TRADING

Analyzed and processed raw, web scraped data from SEC forms to find patterns of possible inside traders. Used Python: pandas, matplotlib

PROJECT: WEB SCRAPING

Personal project part: Scraped raw data from Billboard Top 200 and created visualizations based on data

Group project part: Scraped UofM professor webpages and created a database of research opportunities

### SHAKE SHACK — TEAM MEMBER

Rochester Hills, MI

Attained certification on buns (assembling and preparing every burger).

### BOY SCOUT TROOP 60

Rochester Hills, MI

*PATROL LEADER & SERVICE PROJECT COORDINATOR*

Led & planned troop monthly weekend outings & patrol activities.

Organized and tracked Troop service project activities

**OPEN DOOR BAND** – KEYBOARDIST & GUITARIST St. Paul's UMC, Rochester , MI  
Performed in contemporary church service band as the youngest member.

**SCHOOL OF ROCK** Rochester , MI

KEYBOARDIST & GUITARIST

Performed as member of House Band ( most advanced level at local SoR)  
Required audition each trimester and membership to a second band.

VOLUNTEER ASSISTANT TO ROCK 101 DIRECTOR

Mentored youngest SoR members. Assisted Director in all aspects of 101 class including music theory, technique, improvisation, and live performance style.

**Certs./  
Awards/  
Honors**

**School of Rock All-Stars**

Achieved highest Level for School of Rock Student. Fewer than 1% of the top students worldwide are accepted from a competitive audition process. AllStars engage in authentic tour experience at established rock venues such as Lollapalooza, Rock & Roll Hall of Fame, and House of Blues.

**Eagle Scout**

Highest Level of Achievement for Boy Scout program. Less than 6% of Boy Scouts acquire Eagle.

Led patrol which received National Honor Patrol Award

**Order of the Arrow Member**

Scouting's "national honor society". To become a member, several scouting leadership, camping, & service requirements must be met.

**Michigan Music Festival Superior Rating**

Obtained Superior Rating for Piano at the Michigan Music Festival (MMF) each time entered (7 times). MMF operates under the Rochester Conservatory of Music and is open to all independent teachers and students in the SE Michigan area.

**Addl.  
Skills &  
Hobbies**

**Languages** -Spanish, C++, Python, R

**Software:** Apple Logic Pro X (DAW), Ableton Live 11 , Google Applications

**Misc Experience:** Guitar and Keyboard accompanist/soloist for 3 weddings. MIDI device fluency, Sound amplification device and mixing control experience.

**Hobbies:** Movies, fishing, video games, Rubix Cube, music composition.

