

Nikhil Chinchalkar

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EDUCATION

Cornell University, College of Arts and Sciences

Ithaca, NY

Bachelor of Economics, Minors in Computer Science and Data Science

Expected Graduation May 2027

GPA: 4.22 (A+ =4.3, A=4)

Relevant Courses: Object-Oriented Programming and Data Structures (Java), Intermediate Macroeconomic Theory, Probability Models, Intermediate Microeconomic Theory*, Math Foundations of Computer Science*, Introduction to Data Science*

* Indicates courses in progress

PROFESSIONAL EXPERIENCE

Princeton University, Data Visualization Specialist | Princeton, NJ

Jun.-Aug. 2024

- Designed and implemented online resource for producing dynamic animated visuals using vector and raster **GIS data** in **Blender**, and executing rendering processes on an **HPC cluster**
- Generated animations and interactive visualizations exclusively in **R**, including various forms of plots and maps, extensively documented in comprehensive online tutorials
- Led a 90-minute workshop on animating visualizations in **R** to 14 researchers at Princeton University
- Authored an easy-to-navigate handbook for creating three-dimensional prints from PNG logos
- Developed an online resource for rendering **Blender** scenes using advanced spline camera movement techniques

TECHNICAL EXPERIENCE

Cornell Data Journal, Project Lead | Ithaca, NY

Jan.-May 2024

- Directed a 7-person project to analyze trends in music sentiment and rhythm over the last 60+ years, using **Genius API** and **NLTK's** sentiment analysis in **Python**
- Created advanced interactive visualizations in **R** and short-form and long-form analytical writeups, published to billboardsentiments.com
- Conducted weekly small group work sessions to delegate tasks and ensure proper project progress and efficiency

Big Red Sports Network, Writer | Ithaca, NY

Jan.-May 2024

- Developed an interactive webpage on Cornell's 2012 baseball season, including scroll-based animations and an interactive three-dimensional model through **Blender** and **JavaScript**
- Authored an article about unique moments in the Cornell football 2023 season, including detailed breakdowns of specific plays using **Premiere Pro** and analyzing statistics using **R**

Baseball Analytics Team, Analyst | Ithaca, NY

Jan.-May 2024

- Conducted in-depth analysis of data from **Synergy Baseball** to gain insights on opposing player tendencies to develop scouting reports
- Presented research findings to Cornell's baseball coaching staff in weekly meetings
- Utilized **R** extensively for data analysis and visualization, ensuring accurate and insightful presentations

CLUB EXPERIENCE

Emerging Economies Association, Social Chair | Ithaca, NY

Sep. 2023-May 2024

- Coordinated and managed social events for 30+ club members, including scouting locations and booking venues
- Collaborated with business outsourcing company iQor to explore options for improving employee productivity, visualizing insights in a presentation using **R** and **PowerPoint**

OTHER EXPERIENCE

Ultimate Frisbee, Plainsboro, NJ, *Cutter*

Jun. 2021-May 2023

West Windsor Arts Center, West Windsor, NJ, *Art Camp Counselor*

Jun. 2022-Aug. 2022

Data Literacy Club, Plainsboro, NJ, *Founder, Lead Instructor*

Dec. 2020-Jun. 2022

M2A Solutions, Los Angeles, CA, *Data Analyst Intern*

Jun. 2021 - Oct. 2021

SPECIALIZED SKILLS

Software: Java, R, Python, JavaScript, HTML, CSS, Blender, QGIS, Adobe Premiere Pro, Linux Command Line, Excel, Google Sheets, Visual Basic Assistant, Google Scripts

Languages: Professional-Level Spanish (New Jersey State of Bilingual)

U.S. Citizen

References available upon request.