KEVIN RUEDA

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EDUCATION

Northwestern University • Evanston, IL   *Spring 2024*
Bachelor of Science: Computer Science, Minor in Data Science   **GPA: 3.72**
Relevant Coursework: Data Science in Python, Data Structures and Algorithms, Distributed Systems

WORK EXPERIENCE

Slack • San Francisco, CA   *June 2022–Present*
Software Engineering Intern (Network Scale Experience team)
- Led the development of a new Slack Connect feature which allows admins to limit the permissions of external teams in shared channels, resolving several common complaints amongst Slack's top enterprise customers.
- Created robust automated end-to-end tests with Cypress to prepare my user-facing feature for launch.
- Migrated several critical React components, API fetchers, and Redux stores from JavaScript to TypeScript, improving the code safety and reliability behind the Slack client.

Computational Journalism Lab • Evanston, IL   *September 2021–March 2022*
Undergraduate Research Assistant
- Developed a series of Python scripts used to scrape over 22,000 user comments from the New York Times, FiveThirtyEight, and Washington Post in order to analyze the impact of Predictive Journalism methods.
- Improved data management processes by developing a script that formats scraped comments and metadata into a Google Spreadsheet.
- Implemented a multi-level sorting algorithm for leads displayed on the Algorithm Tips database.

TECHNICAL EXTRACURRICULARS AND PROJECTS

North by Northwestern • Evanston, IL
Interactive Journalist
- Develop interactive tools and visuals with HTML, CSS, and Javascript to improve digital experiences and enhance multimedia storytelling for Northwestern's biggest student magazine.
- Convert assets, layouts, and stories from the print magazine into interactive digital formats.

Lumi Tutors • Evanston, IL
Data Analyst
- Develop and maintain a Python algorithm that matches Northwestern tutors with high school students from various low-income communities for SAT tutoring.
- Collect and analyze student performance metrics and develop visualizations in R to gain insights into effective recruitment strategies and tutoring practices.

Daily Sounds • JavaScript, React, Python
- Built a full-stack web app that allows users to discover and create playlists with songs from a specific date.
- Implemented authentication and login with the Spotify Web API to allow users to save their playlists.

LEADERSHIP

Management Leadership for Tomorrow (MLT) • Washington, DC   *March 2022-Present*
Career Preparation Fellow
- Accepted into a selective 18-month professional development program for high-achieving diverse talent
- Complete business case studies and assignments to grow leadership and technical skills

SKILLS & INTERESTS

Programming Languages: Python, TypeScript, Go, C, C++, R, AMPL, MATLAB, HTML, CSS
Technologies: React, RStudio, Visual Studio, Git, Sublime Text, MongoDB
Interests: Fullstack Development, Data Scraping and Visualization, Human-Computer Interaction