

Vishwa Vijay Prabhakar

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PROFESSIONAL SUMMARY

Rising senior attending the University of Wisconsin-Madison. Currently studying Data Science, Psychology, and Chemistry. Working experience with Python, SQL, Microsoft SQL Server, asset, work and materials, management software (Maximo), and data visualization experience with Excel and Power BI. Strong interest in Data analytics with experience in data analytics, asset management, electrochemistry.

SKILLS

Software: SQL, Java, R, SPSS, Python, PANDAS, Microsoft Office Suite, Power BI, MS SQL Server

Research: Survey Design, Organizational Skills, Scientific Writing, Hypothesis Testing, Data Analysis, Data Visualization, Laboratory Techniques, Quantitative Research, Data Collection, Statistical Analysis, Qualitative Research

EDUCATION

B.S, Data Science, Psychology, and Chemistry

Sep 2021- May 2025

University of Wisconsin-Madison; GPA: 3.0

Relevant Coursework: Multivariable Calculus, Data Science Programming I and II, Data Science Modeling I

EXPERIENCE

IT Consultant Intern

May 2024-Present

BM Associates Inc., Sacramento, CA

- Ensured open communication with clients regarding open tickets, timelines, and deliverables.
- Worked to troubleshoot and resolve issues for clients.
- Helped state client implement asset and location hierarchy into Maximo heavily utilizing SQL.
- Shadowed a senior Maximo developer to develop the skills and understanding of Maximo further.

Undergraduate Researcher

May 2024- Present

Ludwig Lab, Madison, WI

- Worked alongside a graduate mentor to create a model utilizing Python to simulate electrode reactions.
- Created web app utilizing Python libraries including Flask and Numpy to generate CSV files for tables of current amplitudes.
- Created graphs utilizing Numpy and other Python libraries to visualize recorded data and created pivot tables with Excel.
- Worked collaboratively with graduate students and faculty to troubleshoot and discuss further research.

Undergraduate Researcher

Sep 2022- Jan 2024

Rienstra Group, Madison, WI

- Ensured open communication with faculty supervisors regarding project progress and deliverables.
- Worked to troubleshoot any hiccups and improved specimen synthesis by 50% through deep literature reviews and further experiments.
- Presented to several visiting professors and post-grad students.
- Identified trends in collected data that could be used to improve current processes or procedures.

Office Assistant

Sep 2021 - May 2022

Wisconsin Electric Machines and Power Electronics Consortium, Madison, WI

- Communicated with 80+ sponsors and potential sponsors through email or over the phone regarding their sponsorships of WEMPEC.
- Performed data entry tasks accurately and quickly utilizing MS Office applications such as Word, Excel, and PowerPoint.
- Organized and maintained filing systems to ensure efficient document retrieval.
- Utilized WordPress to assist in designing and making the WEMPEC site more user-friendly.

CERTIFICATIONS

- **Basic Life Support**, American Heart Association - 2023
- [Python](#), Kaggle- 2024
- [SQL](#), Kaggle- 2024

EXTRACURRICULARS

Finance Chair/Team Manager

Mar 2022-Present

Wisconsin Waale A Capella, Madison, WI

- Created detailed spreadsheets to organize finances and effectively manage club budgeting.
- Organized fundraisers in partnership with local businesses, raising over \$10,000 and pulling the club out of debt.
- Managed all club banking and tax information, ensuring compliance with financial regulations.

Hospitality Chair

May 2024-Present

Bucky Nah Dhol Raas Dance Competition, Madison, WI

- Coordinated hotel bookings and catering services for multiple dance teams, ensuring all logistical and dietary needs were met.
- Managed the budgeting for all hospitality-related expenses, negotiating contracts to achieve cost savings while maintaining high satisfaction rates.
- Enforced hotel policies and acted as the primary liaison between teams and hotel management to resolve any issues.

Head Liaison

May 2024-Present

Nakshatra Classical Dance Competition, Madison, WI

- Developed and implemented a comprehensive application process for selecting capable liaisons.
- Created and conducted training sessions to equip liaisons with the skills needed to guide teams around campus and lead them to events throughout the weekend.
- Ensured the safety and well-being of all teams by establishing clear protocols and maintaining constant communication.

Finance Chair

Sep 2022-May 2024

Wisconsin American Lung Cancer Screening Initiative, Madison, WI

- Organized and executed several fundraisers to launch the club, contributing to its initial financial stability.
- Planned and helped to manage a 5k race, raising around \$5,000 to be donated to lung cancer research.
- Oversaw all club finances, budgeting, and tax information, ensuring compliance with financial regulations and accurate financial management.