

Rishabh Bhattarai

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EDUCATION

Michigan State University | East Lansing, MI

B.Sc. Computer Engineering | GPA: 3.9

Graduation: 2026

Minor: Data Science

Organizations: MSU Honors College, MSU Autonomous Vehicles Club - Software Design Team

SKILLS & CERTIFICATIONS

Programming Languages: Python (pandas, matplotlib, sklearn), R

Software: Microsoft 365 (Office Suite, SharePoint, Power Automate), RStudio, JupyterNotebook, GitHub

Skills: Data analysis, cybersecurity, software/hardware trouble-shooting, 3D design (Blender)

Certifications: COMPTIA/TestOut: Security Pro (2023), Network Pro (2022), PC Pro (2022), IT Fundamentals Pro (2021)

WORK EXPERIENCE

SharePoint Developer | **MSU Facility for Rare Isotope Beams** | East Lansing, MI

May 2024 - Present

- Designing and prototyping new SharePoint Online applications to meet business requirements.
- Proficient in leveraging Microsoft Power Automate to create efficient workflows in order to automate business processes within SharePoint Online.
- Assist with the maintenance and continuous improvement of existing SharePoint applications.
- Experienced in testing and deploying SharePoint Online applications in production environments.

Computer Technician | **MSU Surplus and Recycling Center** | East Lansing, MI

August 2023 - May 2024

- Processing of electronic devices for recycling, upcycling, and resale following quality control procedures.
- Proficient in network OS deployment and configuration.
- Managing bulk orders of computers, ensuring secure removal of valuable MSU data following data security protocols.
- Troubleshooting and repair of damaged/non-functional devices.
- Hands-on experience with a large variety of electronics ranging from computer parts, industrial electronics, printers, audio-visual equipment, and miscellaneous consumer products.

PC Technician | **Kalamazoo Public Schools Technology Services** | Kalamazoo, MI

June 2022 - August 2023

- Deployed computer assets and related educational technology during the school year and summers.
- Installing, configuring and maintaining operating systems.
- Repaired broken student Chromebooks - screen repairs, motherboard and battery replacements, software issues.
- Operated laser engraver to etch KPS logo on devices.
- Provided tech support for 28+ KPS district locations.
- Experienced with district-specific asset management software and Google Apps for Education.

RESEARCH EXPERIENCE

Kalamazoo Area Math and Science Center | Kalamazoo, MI

August 2021 - June 2023

- Inhibition of sAPP Genes Associated with BACE1 to Decrease the Accumulation of amyloid- β in regions of the brain affected by Alzheimer's (2023)
- Construction of a Van de-Graaff Generator (2023)
- 3D Design and Printing of a Spectroscopic Lens Phone Camera Attachment (2021)