

# Suvanga Dhakal

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## EDUCATION

**The University of Toledo** | Toledo, OH  
Bachelor of Science in **Computer Science and Engineering**

*Anticipated Graduation: May 2026*  
**CGPA 3.14**

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## WORK EXPERIENCE

**IT Technician**, *The University of Toledo* | Toledo OH *September 2022-Present*

- Troubleshoot hardware and software issues reported by the students and the faculty
- Implement working knowledge of university main campus and Hospital computer systems
- Provide IT help desk support including laptop screen replacements and software installations
- Collaborate effectively with Infrastructure Engineers to ensure the smooth operation of technical systems

**Quality Engineering Intern (QC)**, *Whirlpool Cooperation* | Marion OH *January 2023- June 2023*

- Developed a Part Number Finder tool and Fixture Location Finder tool using JavaScript.
- Implemented a Layout Update Form to address part measurement issues using CMM technology.
- Optimizing fixture weight, resulting in cost savings of over \$35,000 with a cost avoidance ratio of 67.31
- Served as Whirlpool's representative at the Science Fair hosted by Ohio State University

**Student Worker Chartwells**, *The University of Toledo* | Toledo OH *August 2021 - March 2022*

- Worked as register to welcome over 200 plus students daily
- Collaborated with six or more people in a group to clean and help with closing duties
- Mentored new student employees and oversee large-scale food production

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## TECHNICAL PROJECTS

**Part Login Sheet**, *Whirlpool Cooperation Part Login Sheet* *January 2023- June 2023*

- Engineered a JavaScript-based login sheet achieving a 23x size reduction and 9x performance boost, optimizing the storage of product quality checks during production cycles

**Basic Banking Systems**, *Object Oriented Programming in java* *January 2022- May 2022*

- Used Java to create a project forming several classes, abstract methods, letting us explore polymorphism, inheritance, encapsulation, and abstraction

**Debit And Credit Card Check**, *CS50* *August 2021- December 2021*

- CS50 course is a Harvard college affiliated course. It sees if the credit or debit card is a legitimate card and decides whether it is a visa or master card

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## TECHNICAL SKILLS

- |              |                        |                          |
|--------------|------------------------|--------------------------|
| • Java       | • C                    | • C++                    |
| • C#         | • Python               | • HTML                   |
| • JavaScript | • Video editing        | • Microsoft Office Suite |
| • MATLAB     | • Adobe Creative suite | • CSS                    |

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## COLLEGIATE ACTIVITIES

- President -NSO-UT
- Secretary- JSA-UT,
- Secretary- Cybersecurity Club