

# NIRAV PATEL

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## EDUCATION

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**Wayne State University, Computer Science, Bachelors of Science**

**2022 — Present**

- 3.97 GPA
- Dean's List (Fall 2022, Winter 2022, Fall 2023)

## EXPERIENCE

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**Quality Technician Intern, NYX Incorporated**

**Jul 2022 — August 2022, May 2023 — Aug 2023**

- Learned concept of Measurement System Analysis
- Received training for method of gauging parts using check fixtures, dial indicators, vernier calipers and Go/No-go gages
- Performed gauge check on various interior trim panels for purpose of GRR and Capability
- received training for quality inspection functions
- Lead team of employees for Part Inspection for pre-production validation build events Autonomous Vehicle Interior Trim Panels

## PROJECTS

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### C++ Hamming Code

- Built an interactive C++ code to perform Hamming Code error analysis
- Used functions, loops, arrays and other elements to code
- Also capable of detecting the error location and fixing the error
- Also able to convert decimals into the correct hamming code

### Arduino Radar

- Used the Arduino kit to create a radar system displayed on a screen
- Assembled components required to build a radar system
- Wrote a C++ code to display the radar

### Python Math Operation Program

- Built a interactive quiz program using Python
- Used functions, loops, if/else statements, and other elemnts to code
- Incorporated a correct/wrong answer counter

## SKILLS

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- Code: Python, C++, HTML
- Tools: Excel, Powerpoint, Adobe Photoshop, Adobe Illustrator, Word, Arduino

## VOLUNTEER WORK AND ORGANIZATIONS

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**Member, W Food Pantry and Thrift Shop**

**2023-Present**

- Organized thrift shop wardrobe
- Assisted customers
- Kept the workplace clean and restocked food shelves

**Member, Society of Computer Developers**

**2022-Present**

- Participated in events hosted by the club
- Attended workshops hosted by the club
- Worked with fellow group members on a hackathon project

**Yogi Divine Society**

**2018-Present**

- Volunteered at several cultural programs by serving food, cleaning up, and other tasks
- Helped organize Indian cultural events like Diwali, Annakoot, and Navratri
- Participated in cultural programs hosted every year