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# Marc Delacruz

Ann Arbor, Michigan • itsmarc@umich.edu • [linkedin.com/in/itsmarcdelacruz](https://www.linkedin.com/in/itsmarcdelacruz) • <https://mdelacruz.dev/>

## EDUCATION

### Bachelor of Science in Computer Science

University of Michigan • Ann Arbor, Michigan

09/2019 - 05/2024

### High School Diploma

Dakota High School • Macomb, Michigan • GPA: 4.02

09/2015 - 05/2019

## WORK EXPERIENCE

### Quality Assurance Software Engineer Intern • Ann Arbor • Internship

10/2022 - 12/2022

#### Phoenix Contact

- Experienced in manual and automated testing of software using Test Complete and Visual Studio Code; experience in test automation development using Visual Basic and JavaScript
- Completed at least five test scripts, which included requirements analysis, design, coding, testing, and documentation
- Gained experience in PLC Programming, HMI Development, and Factory Automation

### Patient Sitter • Macomb, Michigan • Part-time

08/2020 - 12/2020

#### Henry Ford Hospital

- Observed and monitored patients' health under nurse supervision
- Provided emotional support and companionship to patients
- Monitored vital signs and promptly identified changes in patients' conditions

### Intern • Macomb, Michigan • Internship

11/2018 - 05/2019

#### Henry Ford Hospital

- Assisted patient care assistants and nurses with daily tasks
- Organized medications in the outpatient pharmacy
- Monitored patients' temperature, blood pressure, pulse, and respiration

## PROJECTS

### Arduino Arcade

Designed and programmed an Arduino Kit to replicate the iconic 'Mario 1:1' level utilizing C++. Engineered fundamental physics, world generation mechanics, and collision detection systems. Introduced dynamic elements, including enemy invaders, a functional laser cannon, and a compelling boss level, all implemented using object-oriented programming principles."

## SKILLS

**Programming Languages:** C++, C#, LaTeX, R, Javascript, Python, Visual Basic